

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM840062

SUBMISSION TYPE:		NEW ASSIGNMENT	
NATURE OF CONVEYANCE:		SECURITY INTEREST	
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
Ideal Industries Lighting LLC		09/08/2023	Limited Liability Company: DELAWARE
RECEIVING PARTY DATA			
Name:	FGI Worldwide LLC		
Street Address:	410 Park Avenue		
Internal Address:	Suite 920		
City:	New York		
State/Country:	NEW YORK		
Postal Code:	10022		
Entity Type:	Limited Liability Company: DELAWARE		
PROPERTY NUMBERS Total: 85			
Property Type	Number	Word Mark	
Registration Number:	4896328	4FLOW	
Registration Number:	4937645	4FLOW	
Registration Number:	5009789	A BETTER LED BULB	
Registration Number:	4515212	AEROBLADES	
Registration Number:	3286694	AVIATOR	
Registration Number:	3609274	BETA LED	
Registration Number:	1768007	B BETA LIGHTING	
Registration Number:	3673009	BETALED	
Registration Number:	4269645	B BETALED TECHNOLOGY	
Registration Number:	6148302	CADIANT	
Registration Number:	5576735	C-LITE	
Registration Number:	5576738	C-LITE	
Registration Number:	5576734	C-LITE	
Serial Number:	87441215	C LITE	
Registration Number:	6234865	C-LITE LED LIGHTING EFFICIENCY YOU NEED.	
Registration Number:	6342690	C LITE LED LIGHTING	
Registration Number:	3343926	COLORFAST DELTAGUARD	
Registration Number:	4767400	COLORFAST DELTAGUARD	

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TRADEMARK

Property Type	Number	Word Mark
Registration Number:	5134139	CONNECTED
Registration Number:	6449909	CONNECTED MAX
Registration Number:	6296940	CONNECTED MAX
Registration Number:	6695741	CONNECTED MAX
Registration Number:	6695740	CONNECTED MAX
Registration Number:	4888986	CPY250
Registration Number:	6725673	CPY500
Registration Number:	2858424	CROWN-WELD
Registration Number:	1847653	DELTAGUARD
Registration Number:	6149520	E-CONO+
Registration Number:	5010470	ECONOLED
Registration Number:	2928131	E-CONOLIGHT
Registration Number:	5131392	E-CONOLIGHT
Registration Number:	5131393	E-CONOLIGHT
Registration Number:	5089447	E-CONOLIGHT
Registration Number:	5234769	E-CONOLIGHT
Registration Number:	5085225	E-CONOLIGHT
Registration Number:	5126972	E-CONOLIGHT
Registration Number:	3963370	ESSENTIA
Registration Number:	5556203	ESSENTIA
Registration Number:	2579881	EZ BAY
Registration Number:	2743911	EZ CONNECT
Registration Number:	2803142	EZ WALL PACK
Serial Number:	97752278	GUIDEWAY
Registration Number:	2773444	KRAMER LIGHTING
Registration Number:	2828409	LABOR-SAVER
Registration Number:	3628347	LEDWAY
Registration Number:	3209664	LUMA
Registration Number:	4353069	LUMA
Registration Number:	1317965	LUMA
Registration Number:	4625351	MICROMIXING
Serial Number:	97483466	NANOCOMFORT
Registration Number:	3670657	NANOOPTIC
Registration Number:	5808589	NOCTURA
Registration Number:	6885038	OSQ
Registration Number:	2348413	RUUD
Registration Number:	3241956	RUUD LIGHTING
Registration Number:	6330077	SAVR

Property Type	Number	Word Mark
Registration Number:	6381465	SAVR
Registration Number:	6619386	SAVR
Registration Number:	4953236	SHOWS COLORS TRUE AND NATURAL
Registration Number:	3545427	SLIDEWAYS
Registration Number:	4700619	SMARTCAST
Registration Number:	4701207	SMARTCAST
Registration Number:	5753103	SMARTCAST ADVISOR
Serial Number:	87941551	SMARTCAST INTELLIGENCE PLATFORM
Registration Number:	5753102	SMARTCAST LINK
Registration Number:	6148007	SMARTCAST MANAGER
Serial Number:	97049818	SMARTCAST WIRELESS
Serial Number:	97049867	SMARTCAST WIRELESS
Serial Number:	97049935	SMARTCAST WIRELESS
Serial Number:	97049897	SMARTCAST WIRELESS
Serial Number:	97050087	SMARTCAST WIRELESS
Serial Number:	97050126	SMARTCAST WIRELESS
Serial Number:	97050106	SMARTCAST WIRELESS
Serial Number:	87941555	SMARTCAST WIRELESS CONNECTED PLATFORM
Registration Number:	3677280	SOFT-VUE
Registration Number:	6880916	STYLLUS LINEAR
Serial Number:	88399669	STYLUS
Registration Number:	4756404	THE BIGGEST THING SINCE THE LIGHT BULB
Registration Number:	4883785	THE BIGGEST THING SINCE THE LIGHT BULB C
Registration Number:	3683587	THE EDGE
Registration Number:	5836251	TRAVEYO
Registration Number:	6701920	VUEPOINT
Registration Number:	4984721	WAVEMAX
Registration Number:	5306359	WE BELIEVE IN BETTER LIGHT
Registration Number:	5451080	WE BELIEVE IN BETTER LIGHT

CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 2155695619

Email: pecsenye@blankrome.com

Correspondent Name: Timothy Pecsenye (KH 150776-01039)

Address Line 1: One Logan Square, 8th Floor

Address Line 4: Philadelphia, PENNSYLVANIA 19103

ATTORNEY DOCKET NUMBER:	150776-01039
NAME OF SUBMITTER:	Timothy D. Pecsénye
SIGNATURE:	/Timothy D. Pecsénye/
DATE SIGNED:	09/18/2023

Total Attachments: 131

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INTELLECTUAL PROPERTY SECURITY AGREEMENT

THIS INTELLECTUAL PROPERTY SECURITY AGREEMENT (the "Agreement") made as of this 8th day of September 2023 by IDEAL INDUSTRIES LIGHTING LLC (d/b/a Cree Lighting), a limited liability company organized under the laws of the State of Delaware (the "Grantor"), in favor of FGI WORLDWIDE LLC ("FGI").

WITNESSETH

WHEREAS, Grantor and certain of its affiliates (together with Grantor, the "Companies") and FGI are parties to a certain Sale of Accounts and Security Agreement of even date herewith (as same may be amended, restated, supplemented or modified from time to time, the "Transaction Agreement") providing for the extensions of credit to be made to Companies by FGI;

WHEREAS, Grantor has granted to FGI a security interest in substantially all of the assets of Grantors including all right, title and interest of Grantor in, to and under all now owned and hereafter acquired trademarks and patents, together with the goodwill of the business symbolized by Grantor's trademarks, patents and copyrights and all products and proceeds thereof, to secure the payment of all amounts owing by Companies (including Grantor) under the Transaction Agreement;

NOW, THEREFORE, in consideration of the premises set forth herein and for other good and valuable consideration, receipt and sufficiency of which are hereby acknowledged, Grantor agrees as follows:

1. Incorporation of Transaction Agreement. The Transaction Agreement and the terms and provisions thereof are hereby incorporated in their entirety by this reference. All terms capitalized but not otherwise defined herein shall have the same meanings ascribed to them in the Transaction Agreement.

2. Grant of Security Interests. To secure the payment and performance of all indebtedness and obligations of the Companies to FGI (including the Obligations), Grantor hereby grants to FGI a continuing security interest in Grantor's entire right, title and interest in and to the following whether now owned or existing or hereafter created, acquired or arising:

(i) each trademark, patent and copyright listed on Schedule 1 annexed hereto, (such trademarks, patents and copyrights, the "Trademarks", "Patents" and "Copyrights") together with any reissues, continuations or extensions thereof, and all of the goodwill of the business connected with the use of, and symbolized by, each Trademark and Copyright; and

(ii) all products and proceeds of the forgoing, including without limitation, any claim by Grantor against third parties for past, present or future (a) infringement or dilution of any trademark or patent, or (b) injury to the goodwill associated with any trademark provided, however, that FGI hereby agrees that Assignor shall be permitted to pursue, prosecute and collect any proceeds arising from any trademark or patent so long as no Event of Default has occurred and is continuing.

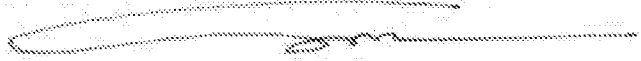
3. Representations and Warranties. Grantor hereby represents and warrants that the Trademarks, Patents and Copyrights listed on Schedule 1 attached hereto constitute all trademarks, patents and copyrights owned or registered to such Grantor.

4. Applicable Law. THIS AGREEMENT, AND ALL MATERS ARISING OUT OF OR RELATING TO THIS AGREEMENT, AND ALL RELATED AGREEMENTS AND DOCUMENTS, SHALL BE GOVERNED BY AND CONSTRUED IN ACCORDANCE WITH THE SUBSTANTIVE LAWS OF THE STATE OF NEW YORK.

[SIGNATURE PAGE FOLLOWS]

IN WITNESS WHEREOF, Grantor has duly executed this Agreement as of the date first written above.

IDEAL INDUSTRIES LIGHTING LLC



By: _____

Name: Sabu Krishnan

Title: President

[SIGNATURE PAGE TO
INTELLECTUAL PROPERTY SECURITY AGREEMENT]

TRADEMARK
REEL: 008204 FRAME: 0318

Agreed and accepted as of the
date first written above.

FGI WORLDWIDE LLC

By: _____

Name: Sami Altaher

Title: President

[SIGNATURE PAGE TO
INTELLECTUAL PROPERTY SECURITY AGREEMENT]

TRADEMARK
REEL: 008204 FRAME: 0319

SCHEDULE 1
Patents

Docent Number	Country	Sub Case	Case Type	Application No.	Filing Date	Publication No.	Publication Date	Patent No.	Patent Date	Expiration Date	Status	Assignee Name	Title	Designated Countries
IP3012	United States of America	1	FRI	16708,619	10-Feb-2020			1097023	13-Apr-2021	10-Feb-2040	Granted	IDEAL Industries Lighting LLC	LUMINAIRES AND COMPONENTS THEREOF	
IP3012	United States of America	2	CIP	17/018,428	02-Sep-2020	20210247035	12-Aug-2021	11174999	19-Nov-2021	10-Feb-2040	Granted	IDEAL Industries Lighting LLC	LUMINAIRES AND COMPONENTS THEREOF	
IP3013	United States of America	1	FRI	19/994596	25-Nov-2019	20210160983	27-May-2021	11,359,422	26-Jul-2022	26-Apr-2040	Granted	IDEAL Industries Lighting LLC	LED Fixtures for Constant Current Network	
IP3014	United States of America	0	PRD	63/024,121	13-May-2020					13-May-2021	Expired	IDEAL Industries Lighting LLC	Detect and Identification of Auditory Events in Distributed Lighting Networks	
IP3014	United States of America		PCT	17/824,444	10-Nov-2022	US 2023/0180371 A1	08-Jun-2023				Published	IDEAL Industries Lighting LLC	Detect and Identification of Auditory Events in Distributed Lighting Networks	
IP3014	Patent Cooperation Treaty		ORD	PCT/US2022/03222	10-May-2021	WO/2022/1231709	18-Nov-2021				Published	IDEAL Industries Lighting LLC	Detect and Identification of Auditory Events in Distributed Lighting Networks	AE; AG; AL; AM; AO; AT; AU; AZ; BA; BB; BD; BE; BG; BH; BN; BR; BW; BY; BZ; CA; CH; CL; CN; CO; CR; CU; CY; CZ; DE; DK; DM; DO; DZ; EA; EC; EG; ES; FI; FR; GB; GD; GE; GR; GT; HK; HU; ID; IL; IN; IQ; IR; IT; JM; JO; JP; KE; KG; KH; KN; KP; KR; KW; KZ; LA; LC; LI; LK; LR; LS; LU; LY; MA; MD; ME; MK; MN; MW; MX; MY; NZ; NA; NG; NI; NO; NZ; OM; PA; PE; PG; PH; PL; PT; QA; RO; RS; RU; RW; SA; SD; SE; SG; SI; SK; SL; ST; SV; TH; TJ; TM; TN; TR; TT; TZ; UA; UB; UR; UZ; VC; VE; WS; ZA; ZM; ZW
IP3015	United States of America	1	FRI	17/064,147	08-Oct-2020	2022-0107344-A1	07-Apr-2022	11400918	09-Aug-2022	06-Oct-2040	Granted	IDEAL Industries Lighting LLC	Micro-Density Measurement and Simulation Devices and Methods	
IP3016	United States of America	1	FRI	16/857,660	24-Apr-2020	20210333152	28-Oct-2021	11,287,325	29-Mar-2022	24-Sep-2040	Granted	IDEAL Industries Lighting LLC	Electrically Controlling the Field of View of a Passive Infrared Sensor	
IP3016	United States of America	2	CIP	17/708,244	28-Mar-2022	US2022-0217829-A1	07-Jul-2022				Published	IDEAL Industries Lighting LLC	Electrically Controlling the Field of View of a Passive Infrared Sensor	
IP3017	United States of America	1	CIP	16/937,028	23-Jul-2020	20200430388	31-Dec-2020	11079079	03-Aug-2021	21-Sep-2037	Granted	IDEAL Industries Lighting LLC	Troffer Light Fixture	
IP3017	United States of America	2	ODN	16/937,088	23-Jul-2020			11035527	15-Jun-2021	23-Jul-2040	Granted	IDEAL Industries Lighting LLC	Troffer Light Fixture	
IP3018	United States of America	1	POS	29/729,573	26-Jun-2020						Allowed	IDEAL Industries Lighting LLC	Light Kit	
IP3020	United States of America	1	POS	29/725,129	21-Feb-2020						Abandoned	IDEAL Industries Lighting LLC	Luminaire	
IP3020	United States of America	2	ODN	29/728,974	08-Mar-2020						Allowed	IDEAL Industries Lighting LLC	Luminaire	
IP3020	Mexico	1	DOV	MX/1202/001940	15-Feb-2022			84579	19-Aug-2022	20-Aug-2045	Granted	IDEAL Industries Lighting LLC	Luminaire	
IP3020	Mexico	2	DOV	MX/1202/001945	15-Feb-2022			84578	19-Aug-2022	20-Aug-2045	Granted	IDEAL Industries Lighting LLC	Luminaire	
IP3020	Mexico		DES	MX/1202/002030	20-Aug-2020			84459	22-Jun-2022	20-Aug-2025	Granted	IDEAL Industries Lighting LLC	Luminaire	
IP3021	United States of America	1	ORD								Inactive	IDEAL Industries Lighting LLC	Surge Protection with Hot Spot Capability	
IP3022	United States of America	1	POS	29/738,863	03-Jun-2020						Allowed	IDEAL Industries Lighting LLC	Luminaire	
IP3023	Mexico	2	DOV	MX/1202/002711	30-Sep-2022					03-Dec-2045	Pending	IDEAL Industries Lighting LLC	Luminaire	
IP3023	Canada	1	ID	204032	03-Dec-2020			DM214451	03-Dec-2020	03-Dec-2035	Granted	IDEAL Industries Lighting LLC	Luminaire	
IP3023	Egypt		ID	WIPO099956	03-Dec-2020			DM214451	03-Dec-2020	03-Dec-2035	Granted	IDEAL Industries Lighting LLC	Luminaire	
IP3023	European Community		ID	WIPO099956	03-Dec-2020			DM214451	03-Dec-2020	03-Dec-2045	Granted	IDEAL Industries Lighting LLC	Luminaire	AT; BG; BK; CY; CZ; DE; DK; EE; ES; FI; FR; GR; HR; HU; IE; IT; LT; LV; MT; PL; PT; RO; SE; SI; SK
IP3023	United Kingdom		ID	WIPO099956	03-Dec-2020	DM214451	04-Jun-2021	DM214451	03-Dec-2020	03-Dec-2045	Granted	IDEAL Industries Lighting LLC	Luminaire	
IP3023	Mexico		ID	MX/1202/001948	03-Dec-2020	DM214451	03-Dec-2020			03-Dec-2045	Allowed	IDEAL Industries Lighting LLC	Luminaire	
IP3023	China (People's Republic)	1	DOV	202130542175.6	19-Aug-2021						Pending	IDEAL Industries Lighting LLC	The Side Frame of the Luminaire	
IP3023	Canada	2	ID	204033	03-Dec-2020			DM214451	03-Dec-2020	03-Dec-2035	Granted	IDEAL Industries Lighting LLC	Luminaire	
IP3023	International Design - Hague Agreement		DES	WIPO099956	03-Dec-2020	DM214451	03-Dec-2020			03-Dec-2035	Published	IDEAL Industries Lighting LLC	Luminaire	AL; AM; AZ; BA; BD; BE; BN; BW; BZ; CA; CH; CL; DE; DK; EE; EG; EM; ES; FI; FR; GA; GB; GE; GR; HR; HU; ID; IL; IN; IQ; JP; KE; KG; KH; KP; KR; KW; KZ; LA; LC; LI; LV; LY; MA; MD; ME; MK; MN; MX; NA; NE; NI; NO; OM; PA; PE; PG; PH; PL; PT; QA; RO; RS; RU; RW; SA; SD; SE; SG; SI; SK; SL; ST; SV; TH; TJ; TM; TN; TR; UA; UB; UR; UZ; VC; VE; WS; ZA; ZM; ZW
IP3023	China (People's Republic)		DES	202030744333.1	03-Dec-2020	309763719	17-Aug-2021	ZL202030744333.1	17-Aug-2021	03-Dec-2030	Granted	IDEAL Industries Lighting LLC	Luminaire	
IP3023	Australia	1	DES	202018535	03-Dec-2020			202018535	21-Jan-2021	03-Dec-2030	Granted	IDEAL Industries Lighting LLC	Luminaire	
IP3023	New Zealand	1	DES	428320	03-Dec-2020			428320	10-Mar-2021	03-Jun-2035	Granted	IDEAL Industries Lighting LLC	Luminaire	
IP3023	Qatar		DES								Inactive	IDEAL Industries Lighting LLC	Luminaire	
IP3023	United Arab Emirates	1	DES	060062620	06-Dec-2020						Pending	IDEAL Industries Lighting LLC	Luminaire	
IP3023	United States of America	2	ODN	29/780408	01-Dec-2020						Pending	IDEAL Industries Lighting LLC	Luminaire	
IP3023	United Arab Emirates	2	DES	060063020	06-Dec-2020						Pending	IDEAL Industries Lighting LLC	Luminaire	
IP3023	Australia	2	DES	202018536	03-Dec-2020			202018536	21-Jan-2021	03-Dec-2030	Granted	IDEAL Industries Lighting LLC	Luminaire	
IP3023	New Zealand	2	DES	428321	03-Dec-2020			428321	10-Mar-2021	03-Jun-2035	Granted	IDEAL Industries Lighting LLC	Luminaire	
IP3024	United States of America	1	FRI	16/915,410	29-Jun-2020	20210410250	30-Dec-2021	11212899	28-Dec-2021	29-Jun-2040	Granted	IDEAL Industries Lighting LLC	Enhancing DALI Based Lighting Control	
IP3025	Italy	1	FRI	10202000018788	10-Jul-2020			10202000018788	22-Aug-2022	10-Jul-2040	Abandoned	IDEAL Industries Lighting LLC	LUMINAIRE HOUSING	
IP3025	Patent Cooperation Treaty		ORD	PCT/US2021/039994	30-Jun-2021	WO2022010717	13-Jun-2022				Abandoned	IDEAL Industries Lighting LLC	LUMINAIRE HOUSING	
IP3027	United States of America	1	FRI	16/913,674	26-Jun-2020			10948170	16-Mar-2021	26-Jun-2040	Granted	IDEAL Industries Lighting LLC	Portable Social Distancing Devices and Applications Thereof	
IP3028	United States of America	1	FRI	16/514,458	17-Jul-2019			10,645,771	05-May-2020	17-Jul-2039	Granted	IDEAL Industries Lighting LLC	Method for Assigning Controllable Luminaire Devices to Control Groups	
IP3028	United States of America	2	CIP	16/884,735	01-May-2020	2021-0021568	21-Jan-2021	10924453	16-Feb-2021	17-Jul-2039	Granted	IDEAL Industries Lighting LLC	Method for Assigning Controllable Luminaire Devices to Control Groups	
IP3028	Patent Cooperation Treaty		ORD	PCT/US2020/23286	18-Mar-2020	2021011035	21-Jan-2021			17-Jul-2039	Abandoned	IDEAL Industries Lighting LLC	Method for Assigning Controllable Luminaire Devices to Control Groups	
IP3029	Patent Cooperation Treaty		FRI	PCT/CN2020/11370	07-Sep-2020	WO20220284775	10-Mar-2022				Published	IDEAL Industries Lighting LLC	Light Strip	AE; AG; AL; AM; AO; AT; AU; AZ; BA; BB; BD; BE; BG; BH; BN; BR; BW; BY; BZ; CA; CH; CL; CN; CO; CR; CU; CY; CZ; DE; DK; DM; DO; DZ; EA; EC; EG; ES; FI; FR; GB; GD; GE; GR; GT; HK; HR; HU; ID; IL; IN; IQ; IR; IT; JM; JO; JP; KE; KG; KH; KN; KP; KR; KW; KZ; LA; LC; LI; LK; LR; LS; LU; LY; MA; MD; ME; MK; MN; MW; MX; MY; NZ; NA; NG; NI; NO; NZ; OM; PA; PE; PG; PH; PL; PT; QA; RO; RS; RU; RW; SA; SD; SE; SG; SI; SK; SL; ST; SV; TH; TJ; TM; TN; TR; UA; UB; UR; UZ; VC; VE; WS; ZA; ZM; ZW
IP3029	Canada		PCT	3200726	03-May-2023	3200726	10-Mar-2022				Published	IDEAL Industries Lighting LLC	Light Strip	
IP3029	United States of America		PCT	16/024,174	01-Mar-2020						Pending	IDEAL Industries Lighter		

IP3031	United States of America	1	PRI	17/119566	11-Dec-2020			11/178790	16-Nov-2021	11-Dec-2040	Granted	IDEAL Industries Lighting LLC	Portable Distance Notification Systems and Applications Thereof		
IP3032	United States of America	1	POS	29/748,887	18-Aug-2020			D971880	08-Dec-2022	08-Dec-2037	Granted	IDEAL Industries Lighting LLC	Lighting Controller Cover		
IP3042	Canada		PCT	3189783	20-Jan-2023	3189783	27-Jan-2022				Published	IDEAL Industries Lighting LLC	Lighting Fixture with Peripheral Light Emission Feature		
IP3042	Mexico		PCT	MX/2023/009302							Pending	IDEAL Industries Lighting LLC	Lighting Fixture with Peripheral Light Emission Feature		
IP3042	United States of America		PCT	18/008,118	19-Jan-2023						Pending	IDEAL Industries Lighting LLC	Lighting Fixture with Peripheral Light Emission Feature		
IP3042	Patent Cooperation Treaty		ORD	PCT/US2021/042743	22-Jul-2021	WO/2022/020571	27-Jan-2022				Published	IDEAL Industries Lighting LLC	Lighting Fixture with Peripheral Light Emission Feature	AE; AG; AI; AM; AO; AP; AT; AU; AZ; BA; BB; BD; BE; BG; BR; BW; BY; BZ; CA; CH; CL; CN; CO; CR; CU; CY; CZ; DE; DK; DM; DO; DZ; EA; EG; EE; ES; FI; FR; GB; GR; GT; HK; HU; IE; IL; IN; IQ; IR; IT; JM; JO; JP; KE; KG; KH; KR; KW; KZ; LA; LC; LI; LK; LR; LS; LU; LY; MA; MD; ME; MK; MN; MW; MX; MY; NZ; PA; NG; NI; NO; NZ; OM; PK; PE; PG; PH; PL; PT; QA; RO; RS; RU; RW; SA; SC; SD; SE; SG; SK; SL; ST; SV; TH; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC; VN; WS; ZA; ZM; ZW	
IP3042	United States of America	0	PRD	83/053,895	23-Jun-2021						Expired	IDEAL Industries Lighting LLC	Lighting Fixtures with Peripheral Waveguides and Systems Incorporating the Same		
IP3043	United States of America		PRD	83/053,847	23-Jul-2021						Expired	IDEAL Industries Lighting LLC	Lighting Fixture with Peripheral Light Emission Feature		
IP3050	Canada	11	ID	205499	21-Apr-2021		30-Jul-2021	205499	19-Oct-2022	21-Apr-2038	Granted	IDEAL Industries Lighting LLC	Treller-Style Light Fixture		
IP3050	Canada	9	ID	205497	21-Apr-2021		30-Jul-2021	205497	19-Oct-2022	21-Apr-2038	Granted	IDEAL Industries Lighting LLC	Treller-Style Light Fixture		
IP3050	Canada	3	ID	205491	21-Apr-2021		30-Jul-2021	205491	19-Oct-2022	21-Apr-2038	Granted	IDEAL Industries Lighting LLC	Treller-Style Light Fixture		
IP3050	Canada	10	ID	205488	21-Apr-2021		30-Jul-2021	205488	19-Oct-2022	21-Apr-2038	Granted	IDEAL Industries Lighting LLC	Treller-Style Light Fixture		
IP3050	Canada	12	ID	205500	21-Apr-2021		30-Jul-2021	205500	19-Oct-2022	21-Apr-2038	Granted	IDEAL Industries Lighting LLC	Treller-Style Light Fixture		
IP3050	Canada	4	ID	205492	21-Apr-2021		30-Jul-2021	205492	19-Oct-2022	21-Apr-2038	Granted	IDEAL Industries Lighting LLC	Treller-Style Light Fixture		
IP3050	Canada	7	ID	205495	21-Apr-2021		30-Jul-2021	205495	19-Oct-2022	21-Apr-2038	Granted	IDEAL Industries Lighting LLC	Treller-Style Light Fixture		
IP3050	Canada	2	ID	205490	21-Apr-2021		30-Jul-2021	205490	19-Oct-2022	21-Apr-2038	Granted	IDEAL Industries Lighting LLC	Treller-Style Light Fixture		
IP3050	Canada	14	ID	205502	21-Apr-2021		30-Jul-2021	205502	19-Oct-2022	21-Apr-2038	Granted	IDEAL Industries Lighting LLC	Treller-Style Light Fixture		
IP3050	Canada	5	ID	205493	21-Apr-2021		30-Jul-2021	205493	19-Oct-2022	21-Apr-2038	Granted	IDEAL Industries Lighting LLC	Treller-Style Light Fixture		
IP3050	Canada		ID	WIPO/04119	21-Apr-2021			DM215380	21-Apr-2021	21-Apr-2038	Granted	IDEAL Industries Lighting LLC	Treller-Style Light Fixture		
IP3050	Mexico		ID	WIPO/04119	21-Apr-2021			DM215380	21-Apr-2021	21-Apr-2048	Granted	IDEAL Industries Lighting LLC	Treller-Style Light Fixture		
IP3050	United States of America	1	POS	29/756801	29-Oct-2020			D692,197	11-Jul-2023	11-Jul-2038	Granted	IDEAL Industries Lighting LLC	Treller-Style Light Fixture		
IP3050	International Design - Hague Agreement		DES	WIPO/04119	21-Apr-2021			DM215380	21-Apr-2021	21-Apr-2038	Granted	IDEAL Industries Lighting LLC	Treller-Style Light Fixture	AL; AM; AZ; BA; BG; BJ; BN; BW; BX; BZ; CA; CH; CI; DE; DK; EE; EG; EM; ES; FI; FR; GA; GB; GE; GH; GR; HR; HU; ID; IL; IS; IT; JP; KG; KH; KR; KP; LU; LV; MA; MC; MD; ME; MK; ML; MN; MX; NA; NE; NO; OA; OM; PL; PG; PH; RW; SA; SC; SD; SE; SG; SI; SM; SN; SR; ST; SV; T; TJ; TM; TN; TR; UA; US; VN; WS	
IP3087	Canada		ID	203411	30-Mar-2021			DM213880	30-Mar-2021	30-Mar-2038	Granted	IDEAL Industries Lighting LLC	Luminaire		
IP3087	Mexico		ID	WIPO/02525	30-Mar-2021			DM213880	30-Mar-2021	30-Mar-2048	Granted	IDEAL Industries Lighting LLC	Luminaire		
IP3087	Canada	1	ID	203412	30-Mar-2021			DM213880	30-Mar-2021	30-Mar-2038	Granted	IDEAL Industries Lighting LLC	Luminaire		
IP3087	Canada	2	ID	203413	30-Mar-2021			DM213880	30-Mar-2021	30-Mar-2038	Granted	IDEAL Industries Lighting LLC	Luminaire		
IP3087	Canada	3	ID	203414	30-Mar-2021			DM213880	30-Mar-2021	30-Mar-2038	Granted	IDEAL Industries Lighting LLC	Luminaire		
IP3087	Canada	4	ID	203415	30-Mar-2021			DM213880	30-Mar-2021	30-Mar-2038	Granted	IDEAL Industries Lighting LLC	Luminaire		
IP3087	Canada	5	ID	203416	30-Mar-2021			DM213880	30-Mar-2021	30-Mar-2038	Granted	IDEAL Industries Lighting LLC	Luminaire		
IP3087	Canada	6	ID	203417	30-Mar-2021			DM213880	30-Mar-2021	30-Mar-2038	Granted	IDEAL Industries Lighting LLC	Luminaire		
IP3087	Canada	7	ID	203418	30-Mar-2021			DM213880	30-Mar-2021	30-Mar-2038	Granted	IDEAL Industries Lighting LLC	Luminaire		
IP3087	United States of America	1	POS	29/754,389	09-Oct-2020						Pending	IDEAL Industries Lighting LLC	Luminaire		
IP3087	International Design - Hague Agreement		DES	WIPO/02525	30-Mar-2021			DM213880	30-Mar-2021	30-Mar-2038	Granted	IDEAL Industries Lighting LLC	Luminaire	AL; AM; AZ; BA; BG; BJ; BN; BW; BX; BZ; CA; CH; CI; DE; DK; EE; EG; EM; ES; FI; FR; GA; GB; GE; GH; GR; HR; HU; ID; IL; IS; IT; JP; KG; KH; KR; KP; LU; LV; MA; MC; MD; ME; MK; ML; MN; MX; NA; NE; NO; OA; OM; PL; PG; PH; RW; SA; SC; SD; SE; SG; SI; SM; SN; SR; ST; SV; T; TJ; TM; TN; TR; UA; US; VN; WS	
IP3087	China (People's Republic)		DES	202130197814.4	08-Apr-2021		ZL 202130197814.4		03-May-2022	08-Apr-2031	Granted	IDEAL Industries Lighting LLC	LUMINAIRE FOR MOUNTING TO A STATIC STRUCTURE		
IP3088	United States of America	1	PRI	17/302805	27-May-2021	20220302980	01-Dec-2022				Published	IDEAL Industries Lighting LLC	Environmental Control System Diagnostics and Optimizations Using Intelligent Lighting Networks		
IP3092	United States of America	1	PRI	17/893967	10-Nov-2020	20220149984	12-May-2022	11,353,178	07-Jun-2022	10-Nov-2040	Granted	IDEAL Industries Lighting LLC	Modular Lighting Fixtures		
IP3095	Mexico	2	ID	2022071897	30-Sep-2022					01-Jun-2048	Abandoned	IDEAL Industries Lighting LLC	Lighting Fixture		
IP3095	Mexico	3	ID	MO/2022/003717	03-Oct-2022					01-Jun-2048	Abandoned	IDEAL Industries Lighting LLC	Lighting Fixture		
IP3095	International Design - Hague Agreement		DES	WIPO/05194	01-Jun-2021		DM214927	01-Jun-2021		01-Jun-2038	Published	IDEAL Industries Lighting LLC	Lighting Fixture	AL; AM; AZ; BA; BG; BJ; BN; BW; BX; BZ; CA; CH; CI; DE; DK; EE; EG; EM; ES; FI; FR; GA; GB; GE; GH; GR; HR; HU; ID; IL; IS; IT; JP; KG; KH; KR; KP; LU; LV; MA; MC; MD; ME; MK; ML; MN; MX; NA; NE; NO; OA; OM; PL; PG; PH; RW; SA; SC; SD; SE; SG; SI; SM; SN; SR; ST; SV; T; TJ; TM; TN; TR; UA; US; VN; WS	
IP3095	China (People's Republic)		DES	202130338163.8	02-Jun-2021						Pending	IDEAL Industries Lighting LLC	Lighting Fixture		
IP3095	Canada	1	ID	204416	01-Jun-2021		DM214927	18-Jun-2021	204416	23-Dec-2122	01-Jun-2038	Granted	IDEAL Industries Lighting LLC	Lighting Fixture	
IP3095	Mexico		ID	MO/2021/001796	01-Jun-2021		DM214927	01-Jun-2021		01-Jun-2048	Abandoned	IDEAL Industries Lighting LLC	Lighting Fixture		
IP3095	Canada	2	ID	204417	01-Jun-2021		DM214927	18-Jun-2021	204417	23-Dec-2122	01-Jun-2038	Granted	IDEAL Industries Lighting LLC	Lighting Fixture	
IP3095	Canada	3	ID	204418	01-Jun-2021		DM214927	18-Jun-2021	204418	23-Dec-2122	01-Jun-2038	Granted	IDEAL Industries Lighting LLC	Lighting Fixture	
IP3095	Canada	4	ID	204419	01-Jun-2021		DM214927	18-Jun-2021	204419	23-Dec-2122	01-Jun-2038	Granted	IDEAL Industries Lighting LLC	Lighting Fixture	
IP3095	United States of America	1	POS	29/760554	02-Dec-2020			D680,581	06-Jun-2022	06-Jun-2038	Granted	IDEAL Industries Lighting LLC	Lighting Fixture		
IP3166	United States of America	1	PRI	17/220294	01-Apr-2021	US 2022 0216884 A1	08-Oct-2022	11,849,949	16-May-2020	01-Apr-2041	Granted	IDEAL Industries Lighting LLC	Luminaires Having Multiple Lighting Distributions		
IP3166	Patent Cooperation Treaty		ORD	PCT/US2022/022287	29-Mar-2022	WO 2022/212329	08-Oct-2022				Published	IDEAL Industries Lighter			

IP3233	Australia	2	DES	20210965	18-Feb-2022			20210965	02-Mar-2022	18-Feb-2027	Abandoned	IDEAL Industries Lighting LLC	LED Lens	
IP3233	Australia	3	DES	20210968	18-Feb-2022			20210968	02-Mar-2022	18-Feb-2027	Abandoned	IDEAL Industries Lighting LLC	LED Lens	
IP3233	New Zealand	2	DES	430118	14-Mar-2022			430118	20-Apr-2022	14-Sep-2038	Abandoned	IDEAL Industries Lighting LLC	LED Lens	
IP3233	New Zealand	3	DES	430117	14-Mar-2022			430117	20-Apr-2022	14-Sep-2038	Abandoned	IDEAL Industries Lighting LLC	LED Lens	
IP3233	China (People's Republic)		DES	202203126171.4	11-Mar-2022					14-Sep-2038	Abandoned	IDEAL Industries Lighting LLC	LED Lens	
IP3233	United Arab Emirates		DES							14-Sep-2038	Inactive	IDEAL Industries Lighting LLC	LED Lens	
IP3233	Saudi Arabia		DES							14-Sep-2038	Inactive	IDEAL Industries Lighting LLC	LED Lens	
IP3233	Australia	1	DES	20210964	18-Feb-2022			20210964	02-Mar-2022	18-Feb-2027	Abandoned	IDEAL Industries Lighting LLC	LED Lens	
IP3233	New Zealand	1	DES	430115	14-Mar-2022			430115	20-Apr-2022	14-Sep-2038	Abandoned	IDEAL Industries Lighting LLC	LED Lens	
IP3233	Egypt		ID	35/003010	14-Sep-2021			DM217297	14-Sep-2021	14-Sep-2038	Abandoned	IDEAL Industries Lighting LLC	LED Lens	
IP3233	European Community		ID	35/003010	14-Sep-2021			DM217297	14-Sep-2021	14-Sep-2048	Abandoned	IDEAL Industries Lighting LLC	LED Lens	AT; BG; BX; CY; CZ; DE; DK; EE; ES; FI; FR; GR; HR; HU; IE; IT; LT; LV; MT; PL; PT; RO; SE; SI; SK
IP3233	United Kingdom		ID	35/003010	14-Sep-2021			DM217297	14-Sep-2021	14-Sep-2048	Abandoned	IDEAL Industries Lighting LLC	LED Lens	
IP3233	Georgia		ID	35/003010	14-Sep-2021			DM217297	14-Sep-2021	14-Sep-2048	Abandoned	IDEAL Industries Lighting LLC	LED Lens	
IP3233	United States of America		ID	35/003010	14-Sep-2021			DM217297	14-Sep-2021	14-Sep-2038	Abandoned	IDEAL Industries Lighting LLC	LED Lens	
IP3233	International Design - Hague Agreement		PDS	35/003010	14-Sep-2021			DM217297	14-Sep-2021	14-Sep-2038	Abandoned	IDEAL Industries Lighting LLC	LED Lens	AL; AM; AZ; BA; BD; BJ; BN; BW; BX; BY; BZ; CA; CH; CI; CN; DE; DK; EE; EG; EM; ES; FI; FR; GA; GB; GE; GH; GR; HR; HU; IE; IL; IS; IT; JP; KR; KH; KP; KR; LI; LT; LV; MA; MC; MD; ME; MK; ML; MN; MX; NA; NE; NO; OA; OM; PL; PD; RS; RU; RW; SA; SI; SM; SN; SR; ST; SV; TJ; TM; TN; TR; UA; US; VA; VN; WS
IP3251	United States of America	1	FRI	1759985	22-Dec-2021	2023019408	22-Jun-2023			03-Feb-2042	Allowed	IDEAL Industries Lighting LLC	UGR Improved Trefler	
IP3270	Patent Cooperation Treaty		FRI	PCT/US2022/017027	18-Feb-2022						Pending	IDEAL Industries Lighting LLC	Easily Serviced Area Light	
IP3272	Saudi Arabia		DES	42244038	04-Oct-2022						Abandoned	IDEAL Industries Lighting LLC	HEAT SINK FOR LUMINAIRE	
IP3272	International Design - Hague Agreement		PDS	35/002.205	04-Apr-2022						Abandoned	IDEAL Industries Lighting LLC	Heat Sink	EG; EM; GB; OE; US
IP3272	Egypt		ID	35/002.205	04-Apr-2022						Abandoned	IDEAL Industries Lighting LLC	Heat Sink	
IP3272	European Community		ID	35/002.205	04-Apr-2022						Abandoned	IDEAL Industries Lighting LLC	Heat Sink	AT; BG; BX; CY; CZ; DE; DK; EE; ES; FI; FR; GR; HR; HU; IE; IT; LT; LV; MT; PL; PT; RO; SE; SI; SK
IP3272	Georgia		ID	35/002.205	04-Apr-2022						Abandoned	IDEAL Industries Lighting LLC	Heat Sink	
IP3272	United Kingdom		ID	35/002.205	04-Apr-2022						Abandoned	IDEAL Industries Lighting LLC	Heat Sink	
IP3272	United States of America		ID	35/002.205	04-Apr-2022						Abandoned	IDEAL Industries Lighting LLC	Heat Sink	
IP3272	New Zealand		DES	430286	20-Apr-2022			430286	26-Jul-2022	04-Apr-2037	Abandoned	IDEAL Industries Lighting LLC	Heat Sink	
IP3272	Australia		DES	20212253	20-Apr-2022			20212253	15-Jun-2022	20-Apr-2032	Abandoned	IDEAL Industries Lighting LLC	Heat Sink	
IP3272	United Arab Emirates		DES	080006522	04-Oct-2022						Abandoned	IDEAL Industries Lighting LLC	Heat Sink	
IP3272	China (People's Republic)		DES	202203040090.5	05-Jul-2022						Abandoned	IDEAL Industries Lighting LLC	Heat Sink	
IP3279	Canada		ID	35/002.290	13-Sep-2022						Pending	IDEAL Industries Lighting LLC	Lighting Fixture	
IP3279	Mexico		ID	35/002.290	13-Sep-2022						Pending	IDEAL Industries Lighting LLC	Lighting Fixture	
IP3279	United States of America		ID	35/002.290	13-Sep-2022						Pending	IDEAL Industries Lighting LLC	Lighting Fixture	
IP3279	European Community	2	DES	01501245	10-Mar-2023					13-Sep-2072	Pending	IDEAL Industries Lighting LLC	Lighting Fixture	
IP3279	International Design - Hague Agreement		PDS	35/002.290	13-Sep-2022			DM225797	13-Sep-2022	13-Sep-2072	Registered	IDEAL Industries Lighting LLC	Lighting Fixture	AL; AM; AZ; BA; BD; BJ; BN; BW; BX; BY; BZ; CA; CH; CI; CN; DE; DK; EE; EG; EM; ES; FI; FR; GA; GB; GE; GH; GR; HR; HU; IE; IL; IS; IT; JP; KR; KH; KP; KR; LI; LT; LV; MA; MC; MD; ME; MK; ML; MN; MX; NA; NE; NO; OA; OM; PL; PD; RS; RU; RW; SA; SI; SM; SN; SR; ST; SV; TJ; TM; TN; TR; UA; US; VA; VN; WS
IP3281	Patent Cooperation Treaty		FRI	PCT/US2022/04215	12-Sep-2022						Pending	IDEAL Industries Lighting LLC	Retractable Optics in a Pathway Application	
IP3288	Canada		ID	35/002.287	31-Aug-2022						Pending	IDEAL Industries Lighting LLC	RUL-C Rural Streetlight	
IP3288	Mexico		ID	35/002.287	31-Aug-2022						Pending	IDEAL Industries Lighting LLC	RUL-C Rural Streetlight	
IP3288	United States of America		ID	35/002.287	31-Aug-2022						Pending	IDEAL Industries Lighting LLC	RUL-C Rural Streetlight	
IP3288	International Design - Hague Agreement		PDS	35/002.287	31-Aug-2022	DM225799					Published	IDEAL Industries Lighting LLC	RUL-C Rural Streetlight	AL; AM; AZ; BA; BD; BJ; BN; BW; BX; BY; BZ; CA; CH; CI; CN; DE; DK; EE; EG; EM; ES; FI; FR; GA; GB; GE; GH; GR; HR; HU; IE; IL; IS; IT; JP; KR; KH; KP; KR; LI; LT; LV; MA; MC; MD; ME; MK; ML; MN; MX; NA; NE; NO; OA; OM; PL; PD; RS; RU; RW; SA; SI; SM; SN; SR; ST; SV; TJ; TM; TN; TR; UA; US; VA; VN; WS
IP3289	International Design - Hague Agreement		PDS	35/002.295	09-Oct-2022						Pending	IDEAL Industries Lighting LLC	OUTDOOR LIGHT FIXTURE	AL; AM; AZ; BA; BD; BJ; BN; BW; BX; BY; BZ; CA; CH; CI; CN; DE; DK; EE; EG; EM; ES; FI; FR; GA; GB; GE; GH; GR; HR; HU; IE; IL; IS; IT; JP; KR; KH; KP; KR; LI; LT; LV; MA; MC; MD; ME; MK; ML; MN; MX; NA; NE; NO; OA; OM; PL; PD; RS; RU; RW; SA; SI; SM; SN; SR; ST; SV; TJ; TM; TN; TR; UA; US; VA; VN; WS
IP3289	Canada		ID	35/002.295	09-Oct-2022						Pending	IDEAL Industries Lighting LLC	OUTDOOR LIGHT FIXTURE	
IP3289	Mexico		ID	35/002.295	09-Oct-2022						Pending	IDEAL Industries Lighting LLC	OUTDOOR LIGHT FIXTURE	
IP3289	United States of America		ID	35/002.295	09-Oct-2022						Pending	IDEAL Industries Lighting LLC	OUTDOOR LIGHT FIXTURE	
IP3290	United States of America	0	PRD	63413.629	09-Oct-2022					09-Oct-2023	Pending	IDEAL Industries Lighting LLC	COMPARTMENT SEALING APPARATUS AND METHODS OF USING SAME	
IP3291	United States of America	0	PRD	63413.629	09-Oct-2022					09-Oct-2023	Pending	IDEAL Industries Lighting LLC	TOOLLESS COVER RETENTION FOR LUMINAIRES	
IP3295	United States of America		FRI	63441.928	30-Jan-2023						Pending	IDEAL Industries Lighting LLC	Splash Guard	
IP3297	International Design - Hague Agreement		PDS	35/002.329	23-Feb-2023			DM229397	23-Feb-2023	23-Feb-2038	Registered	IDEAL Industries Lighting LLC	BOLLARD LIGHT FIXTURES	AL; AM; AZ; BA; BD; BJ; BN; BW; BX; BY; BZ; CA; CH; CI; CN; DE; DK; EE; EG; EM; ES; FI; FR; GA; GB; GE; GH; GR; HR; HU; IE; IL; IS; IT; JP; KR; KH; KP; KR; LI; LT; LV; MA; MC; MD; ME; MK; ML; MN; MX; NA; NE; NO; OA; OM; PL; PD; RS; RU; RW; SA; SI; SM; SN; SR; ST; SV; TJ; TM; TN; TR; UA; US; VA; VN; WS
IP3297	Canada		ID	35/002.329	23-Feb-2023						Pending	IDEAL Industries Lighting LLC	NQE Bollard Design	
IP3297	Mexico		ID	35/002.329	23-Feb-2023						Pending	IDEAL Industries Lighting LLC	NQE Bollard Design	

IP3297	United States of America		ID	3500329	23-Feb-2023					Pending	IDEAL Industries Lighting LLC	NQE Boland Design	
IP3306	United States of America		POS	29805310	20-Jun-2023					Pending	IDEAL Industries Lighting LLC	Sensor Housing	
IP3308	United States of America		PRI	29894621	14-Jun-2023					Pending	IDEAL Industries Lighting LLC	OSOW-C Design Patent Invention Disclosure	
P0085	United States of America	1	ORD	07086045	29-Jun-1987			5,027,112	25-Jun-1991	25-Jun-2008	Expired	IDEAL Industries Lighting LLC	Graphic Display Systems
P0079	Belgium	2	EDV	9920382.8	20-Dec-1998			098530	12-Jun-2002		Abandoned	IDEAL Industries Lighting LLC	True Color Flat Panel Display Using an LED Display Matrix and LED Dot Matrix Drive Method and Apparatus
P0079	China (People's Republic)	2	DIV	03131418.X	20-Dec-1998	CN 1518097A	28-Jul-2004	ZL 01311418.X	24-Jun-2000	20-Dec-2018	Expired	IDEAL Industries Lighting LLC	True Color Flat Panel Display Using an LED Dot Matrix and LED Dot Matrix Drive Method and Apparatus
P0079	Spain	2	EDV	198920382	20-Dec-1998			098530	12-Jun-2002		Abandoned	IDEAL Industries Lighting LLC	True Color Flat Panel Display Using an LED Display Matrix and LED Dot Matrix Drive Method and Apparatus
P0079	China (People's Republic)		PCT	98198385.0	20-Dec-1998		ZL 98198385.0		25-Jun-2003	20-Dec-2018	Expired	IDEAL Industries Lighting LLC	True Color Flat Panel Display Using an LED Dot Matrix and LED Dot Matrix Drive Method and Apparatus
P0079	Switzerland	3	EDV	9920382.8	20-Dec-1998			113825	18-Apr-2003		Abandoned	IDEAL Industries Lighting LLC	True Color Flat Panel Display Using an LED Display Matrix and LED Dot Matrix Drive Method and Apparatus
P0079	Austria		EPP	1989094889	20-Dec-1998			0870294	08-Sep-2000		Abandoned	IDEAL Industries Lighting LLC	True Color Flat Panel Display Using an LED Display Matrix and LED Dot Matrix Drive Method and Apparatus
P0079	Korea, Republic of		PCT	98704901	25-Jul-1998						Abandoned	IDEAL Industries Lighting LLC	Panel of Electronic Display
P0079	Belgium	3	EDV	0120240.2	20-Dec-1998			113825	18-Apr-2003		Abandoned	IDEAL Industries Lighting LLC	True Color Flat Panel Display Using an LED Display Matrix and LED Dot Matrix Drive Method and Apparatus
P0079	Germany		EPP	1989821853	20-Dec-1998			89918224-2-98	08-Sep-2000	20-Dec-2018	Expired	IDEAL Industries Lighting LLC	True Color Flat Panel Display Using an LED Display Matrix and LED Dot Matrix Drive Method and Apparatus
P0079	Belgium		EPP	9894489.5	20-Dec-1998			0870294	08-Sep-2000		Abandoned	IDEAL Industries Lighting LLC	True Color Flat Panel Display Using an LED Display Matrix and LED Dot Matrix Drive Method and Apparatus
P0079	Austria	3	EDV	200102240.2	20-Dec-1998	ATE23725911	27-Oct-2003	113825	18-Apr-2003		Abandoned	IDEAL Industries Lighting LLC	True Color Flat Panel Display Using an LED Display Matrix and LED Dot Matrix Drive Method and Apparatus
P0079	France		EPP	9894489.5	20-Dec-1998			0870294	08-Sep-2000	20-Dec-2018	Expired	IDEAL Industries Lighting LLC	True Color Flat Panel Display Using an LED Display Matrix and LED Dot Matrix Drive Method and Apparatus
P0079	European Patent Convention	3	DIV	0120240.2	25-Jun-2001	113825	04-Oct-2001	113825	18-Apr-2003	20-Dec-2018	Expired	IDEAL Industries Lighting LLC	True Color Flat Panel Display Using an LED Display Matrix and LED Dot Matrix Drive Method and Apparatus
P0079	Spain	3	EDV	0120240.2	20-Dec-1998			113825	18-Apr-2003		Abandoned	IDEAL Industries Lighting LLC	True Color Flat Panel Display Using an LED Display Matrix and LED Dot Matrix Drive Method and Apparatus
P0079	Spain		EPP	1989094889	20-Dec-1998			0870294	08-Sep-2000		Abandoned	IDEAL Industries Lighting LLC	True Color Flat Panel Display Using an LED Display Matrix and LED Dot Matrix Drive Method and Apparatus
P0079	European Patent Convention	2	DIV	9920382.8	19-Nov-1999	098530	29-Mar-2000	098530	12-Jun-2002	20-Dec-2018	Expired	IDEAL Industries Lighting LLC	True Color Flat Panel Display Using an LED Display Matrix and LED Dot Matrix Drive Method and Apparatus
P0079	European Patent Convention		PCT	9894489.5	20-Dec-1998			0870294	08-Sep-2000	20-Dec-2018	Expired	IDEAL Industries Lighting LLC	True Color Flat Panel Display Using an LED Display Matrix and LED Dot Matrix Drive Method and Apparatus
P0079	Denmark	3	EDV	200102240.2	20-Dec-1998			113825	18-Apr-2003		Abandoned	IDEAL Industries Lighting LLC	True Color Flat Panel Display Using an LED Display Matrix and LED Dot Matrix Drive Method and Apparatus
P0079	Denmark	2	EDV	198920382	20-Dec-1998			098530	12-Jun-2002		Abandoned	IDEAL Industries Lighting LLC	True Color Flat Panel Display Using an LED Display Matrix and LED Dot Matrix Drive Method and Apparatus
P0079	Denmark		EPP	1989094889	20-Dec-1998			0870294	08-Sep-2000		Abandoned	IDEAL Industries Lighting LLC	True Color Flat Panel Display Using an LED Display Matrix and LED Dot Matrix Drive Method and Apparatus
P0079	Germany	3	EDV	1989821853	20-Dec-1998	DE68927554	15-Jan-2004	89927554-6	18-Apr-2003	20-Dec-2018	Expired	IDEAL Industries Lighting LLC	True Color Flat Panel Display Using an LED Display Matrix and LED Dot Matrix Drive Method and Apparatus
P0079	Germany	2	EDV	19898118224	20-Dec-1998			098530	12-Jun-2002	20-Dec-2018	Expired	IDEAL Industries Lighting LLC	True Color Flat Panel Display Using an LED Display Matrix and LED Dot Matrix Drive Method and Apparatus
P0079	Austria	2	EDV	198920382	20-Dec-1998			098530	12-Jun-2002		Abandoned	IDEAL Industries Lighting LLC	True Color Flat Panel Display Using an LED Display Matrix and LED Dot Matrix Drive Method and Apparatus
P0079	Canada		PCT	2241555	20-Dec-1998			2241555	11-Jul-2006		Abandoned	IDEAL Industries Lighting LLC	True Color Flat Panel Display Using an LED Display Matrix and LED Dot Matrix Drive Method and Apparatus
P0079	Japan	2	DIV	2006-15178	24-Jan-2006						Abandoned	IDEAL Industries Lighting LLC	Panel of Electronic Display
P0079	Sweden	2	EDV	9920382.8	20-Dec-1998			098530	12-Jun-2002		Abandoned	IDEAL Industries Lighting LLC	True Color Flat Panel Display Using an LED Display Matrix and LED Dot Matrix Drive Method and Apparatus
P0079	France	2	EDV	9920382.8	20-Dec-1998			098530	12-Jun-2002	20-Dec-2018	Expired	IDEAL Industries Lighting LLC	True Color Flat Panel Display Using an LED Display Matrix and LED Dot Matrix Drive Method and Apparatus
P0079	Japan		PCT	526,411,677	20-Dec-1998			3950171	27-Apr-2007	20-Dec-2018	Expired	IDEAL Industries Lighting LLC	True Color Flat Panel Display Using an LED Dot Matrix and LED Dot Matrix Drive Method and Apparatus
P0079	Italy	3	EDV	0120240.2	20-Dec-1998			113825	18-Apr-2003	20-Dec-2018	Expired	IDEAL Industries Lighting LLC	True Color Flat Panel Display Using an LED Display Matrix and LED Dot Matrix Drive Method and Apparatus
P0079	Italy	2	EDV	9920382.8	20-Dec-1998			098530	12-Jun-2002	20-Dec-2018	Expired	IDEAL Industries Lighting LLC	True Color Flat Panel Display Using an LED Display Matrix and LED Dot Matrix Drive Method and Apparatus
P0079	Italy		EPP	9894489.5	20-Dec-1998			0870294	08-Sep-2000	20-Dec-2018	Expired	IDEAL Industries Lighting LLC	True Color Flat Panel Display Using an LED Display Matrix and LED Dot Matrix Drive Method and Apparatus
P0079	Hong Kong	2	RCN	051093029	24-Jan-2005	108444A	29-Apr-2005	HK108444	01-Apr-2010	20-Dec-2018	Expired	IDEAL Industries Lighting LLC	True Color Flat Panel Display Using an LED Dot Matrix and LED Dot Matrix Drive Method and Apparatus
P0079	United Kingdom	3	EDV	0120240.2	20-Dec-1998			113825	18-Apr-2003	20-Dec-2018	Expired	IDEAL Industries Lighting LLC	True Color Flat Panel Display Using an LED Display Matrix and LED Dot Matrix Drive Method and Apparatus
P0079	France	3	EDV	0120240.2	20-Dec-1998			113825	18-Apr-2003	20-Dec-2018	Expired	IDEAL Industries Lighting LLC	True Color Flat Panel Display Using an LED Display Matrix and LED Dot Matrix Drive Method and Apparatus
P0079	Sweden		EPP	9894489.5	20-Dec-1998			0870294	08-Sep-2000		Abandoned	IDEAL Industries Lighting LLC	True Color Flat Panel Display Using an LED Display Matrix and LED Dot Matrix Drive Method and Apparatus
P0079	United Kingdom		EPP	9894489.5	20-Dec-1998			0870294	08-Sep-2000	20-Dec-2018	Expired	IDEAL Industries Lighting LLC	True Color Flat Panel Display Using an LED Display Matrix and LED Dot Matrix Drive Method and Apparatus
P0079	United States of America	3	ODN	121333060	04-Jun-2008	US2008-0231567	25-Sep-2008	8,786,885	01-Jul-2014	31-Dec-2017	Expired	IDEAL Industries Lighting LLC	True Color Flat Panel Display Module
P0079	Switzerland		EPP	9894489.5	20-Dec-1998			0870294	08-Sep-2000		Abandoned	IDEAL Industries Lighting LLC	True Color Flat Panel Display Using an LED Display Matrix and LED Dot Matrix Drive Method and Apparatus
P0079	Hong Kong		RCN	99100784.2	26-Feb-1999			1015622	23-Mar-2001		Abandoned	IDEAL Industries Lighting LLC	True Color Flat Panel Display Module Using an LED Dot Matrix and LED Dot Matrix Drive Method and Apparatus
P0079	Patent Cooperation Treaty		ORD	PCT/US99/20200	20-Dec-1998	WO 9724708	10-Jul-1997			20-Dec-2018	Expired	IDEAL Industries Lighting LLC	True Color Flat Panel Display Module
P0079	Japan	3	DIV	2008-198758	20-Dec-1998			5538997	09-May-2014	20-Dec-2018	Expired	IDEAL Industries Lighting LLC	Panel of Electronic Display
P0079	United States of America	2	DIV	09067,838	09-Apr-1998			7,385,574	10-Jun-2008	28-Dec-2015	Expired	IDEAL Industries Lighting LLC	True Color Flat Panel Display Module
P0079	United States of America	1	ORD	08280,771	29-Dec-1995						Abandoned	IDEAL Industries Lighting LLC	True Color Flat Panel Display Module
P0079	Sweden	3	EDV	0120240.2	20-Dec-1998			01202442	18-Apr-2003		Abandoned	IDEAL Industries Lighting LLC	True Color Flat Panel Display Using an LED Display Matrix and LED Dot Matrix Drive Method and Apparatus

P0079	Netherlands	3	EDV	0120440.2	20-Dec-1998			113925	18-Apr-2003	20-Dec-2018	Expired	IDEAL Industries Lighting LLC	True Color Flat Panel Display Using an LED Display Matrix and LED Dot Matrix Drive Method and Apparatus
P0079	Netherlands	2	EDV	9920302.8	20-Dec-1998			088530	12-Jun-2002	20-Dec-2018	Expired	IDEAL Industries Lighting LLC	True Color Flat Panel Display Using an LED Display Matrix and LED Dot Matrix Drive Method and Apparatus
P0079	Korea, Republic of	2	DIV	2003-701531	20-Dec-1998			0548732	19-Jan-2009	20-Dec-2018	Expired	IDEAL Industries Lighting LLC	True Color Flat Panel Display Using an LED Dot Matrix and LED Dot Matrix Drive Method and Apparatus
P0079	Netherlands		EFP	9994489.5	20-Dec-1998			0870294	09-Sep-2000	20-Dec-2018	Expired	IDEAL Industries Lighting LLC	True Color Flat Panel Display Using an LED Display Matrix and LED Dot Matrix Drive Method and Apparatus
P0289	United States of America	1	ORD	092658.440	10-Jun-1999			5,812,105	22-Sep-1998	10-Jun-2016	Expired	IDEAL Industries Lighting LLC	LED Dot Matrix Drive Method and Apparatus
P0289	Taiwan		ORD	06211764	27-Jun-2003						Abandoned	IDEAL Industries Lighting LLC	LED Light Engine for AC Operation and Methods of Fabricating Same
P0289	Malaysia		ORD	P02030287	25-Jun-2003						Abandoned	IDEAL Industries Lighting LLC	LED Light Engine for AC Operation and Methods of Fabricating Same
P0289	Canada		PCT	2,501,888	07-Apr-2005						Abandoned	IDEAL Industries Lighting LLC	LED Light Engine for AC Operation and Methods of Fabricating Same
P0289	China (People's Republic)		PCT	200301001807.4	21-Apr-2005						Abandoned	IDEAL Industries Lighting LLC	LED Light Engine for AC Operation and Methods of Fabricating Same
P0289	European Patent Convention		PCT	03009537.8	08-May-2005						Abandoned	IDEAL Industries Lighting LLC	LED Light Engine for AC Operation and Methods of Fabricating Same
P0289	Korea, Republic of		PCT	2005-700620	20-Apr-2005						Abandoned	IDEAL Industries Lighting LLC	LED Light Engine for AC Operation and Methods of Fabricating Same
P0289	United States of America	1	ORD	19277.845	22-Oct-2002	US 2004/0075399	22-Apr-2004	7,008,199	07-Mar-2006	22-Oct-2022	Granted	IDEAL Industries Lighting LLC	LED Light Engine for AC Operation and Methods of Fabricating Same
P0289	Patent Cooperation Treaty		ORD	PCT/US03/31335	02-Oct-2003	WO 2004/030801	06-May-2004				Abandoned	IDEAL Industries Lighting LLC	LED Light Engine for AC Operation and Methods of Fabricating Same
P0289	Japan		PCT	2004-548783	22-Jun-2005						Abandoned	IDEAL Industries Lighting LLC	LED Light Engine for AC Operation and Methods of Fabricating Same
P0289	Hong Kong		RCN								Abandoned	IDEAL Industries Lighting LLC	LED Light Engine for AC Operation and Methods of Fabricating Same
P0489	United States of America	1	ORD	11431.304	10-May-2009	US2007-0274987-A1	29-Nov-2007	7,885,048	28-Sep-2010	23-May-2026	Granted	IDEAL Industries Lighting LLC	METHODS AND APPARATUS FOR DIRECTING LIGHT EMITTING DIODE OUTPUT LIGHT
P0533	Patent Cooperation Treaty		ORD	PCT/US2005/044806	06-Dec-2005	WO 2006/071494	06-Jul-2006				Inactive	IDEAL Industries Lighting LLC	Light Emitting Diode Arrays for Direct Backlighting of Liquid Crystal Displays
P0533	Taiwan		ORD	064145872	22-Dec-2005						Abandoned	IDEAL Industries Lighting LLC	Light Emitting Diode Arrays for Direct Backlighting of Liquid Crystal Displays
P0545	Patent Cooperation Treaty		ORD	PCT/US2009/001200	12-Jan-2009	WO2009/107391	12-Oct-2008				Inactive	IDEAL Industries Lighting LLC	Synchronized Light Emitting Diode Backlighting Systems and Methods for Displays
P0548	Patent Cooperation Treaty		ORD	PCT/US2009/023196	14-Jun-2009	WO2009/136397	28-Dec-2008				Inactive	IDEAL Industries Lighting LLC	LED Backlighting for Displays
P0548	Taiwan		ORD	095121203	14-Jun-2009						Abandoned	IDEAL Industries Lighting LLC	LED Backlighting for Displays
P0581	Patent Cooperation Treaty		ORD	PCT/US2009/002117	23-Jan-2009						Inactive	IDEAL Industries Lighting LLC	Light Emitting Diode Backlighting Systems and Methods that Use More Colors than Display Picture Elements
P0581	Japan		PCT	2008-056291	04-Oct-2007						Abandoned	IDEAL Industries Lighting LLC	Light Emitting Diode Backlighting Systems and Methods that Use More Colors than Display Picture Elements
P0581	Taiwan		ORD	09510082	10-Jan-2009						Abandoned	IDEAL Industries Lighting LLC	Light Emitting Diode Backlighting Systems and Methods that Use More Colors than Display Picture Elements
P0581	United States of America	1	ORD	11408.126	04-Apr-2005	US2006-0221272-A1	05-Oct-2006				Abandoned	IDEAL Industries Lighting LLC	Light Emitting Diode Backlighting Systems and Methods that Use More Colors than Display Picture Elements
P0581	Germany		PCT	11206003813.7	07-Oct-2007	11206003813.7	10-Apr-2008				Abandoned	IDEAL Industries Lighting LLC	Light Emitting Diode Backlighting Systems and Methods that Use More Colors than Display Picture Elements
P0581	United States of America	1	ORD								Inactive	IDEAL Industries Lighting LLC	Pulsed Backlighting for Color Liquid Crystal Displays
P0621	United States of America	1	ORD								Inactive	IDEAL Industries Lighting LLC	System and Method for Interconnection and Integration of LED Backlighting Modules
P0621	United States of America	0	PRQ	89738.305	18-Nov-2005						Inactive	IDEAL Industries Lighting LLC	System and Method for Interconnection and Integration of LED Backlighting Modules
P0632	European Patent Convention		PCT	06037786.0	18-May-2003						Abandoned	IDEAL Industries Lighting LLC	Systems and Methods for Calibrating Solid State Lighting Panels Using Combined Light Output Measurements
P0632	Patent Cooperation Treaty		ORD	PCT/US2009/044511	17-Nov-2009	WO2007/091751	31-May-2007				Inactive	IDEAL Industries Lighting LLC	Systems and Methods for Calibrating Solid State Lighting Panels
P0632	Patent Cooperation Treaty	3	ORD	PCT/US08/005627	07-May-2008	WO2008/150842	18-Dec-2008				Inactive	IDEAL Industries Lighting LLC	Systems and Methods for Calibrating Solid State Lighting Panels Using Combined Light Output Measurements
P0632	Korea, Republic of	3	PCT	2009-7026386	17-Dec-2009	10-19527	18-Feb-2010				Abandoned	IDEAL Industries Lighting LLC	Systems and Methods for Calibrating Solid State Lighting Panels Using Combined Light Output Measurements
P0634	United States of America	2	ODN	13149.212	31-May-2011	US-2011-0228530-A1	22-Sep-2011	8,556,464	15-Oct-2013	24-Feb-2027	Granted	IDEAL Industries Lighting LLC	Solid State Lighting Units and Methods of Forming Solid State Lighting Units
P0634	Patent Cooperation Treaty		ORD	PCT/US2009/044607	17-Nov-2009	WO 2007/061815	31-May-2007				Inactive	IDEAL Industries Lighting LLC	Solid State Lighting Units and Methods of Forming Solid State Lighting Units
P0634	United States of America	0	PRQ	89749.133	09-Dec-2005						Inactive	IDEAL Industries Lighting LLC	Solid State Backlighting Unit Assembly and Method
P0634	United States of America	1	ORD	11801.500	17-Nov-2006	2007-0115971	24-May-2007	7,869,325	14-Jun-2011	25-Mar-2030	Granted	IDEAL Industries Lighting LLC	Solid State Lighting Units and Methods of Forming Solid State Lighting Units
P0634	Taiwan		ORD	095142342	20-Nov-2009	1469878	11-Nov-2014	488878	11-Nov-2014	20-Nov-2026	Granted	IDEAL Industries Lighting LLC	Solid State Lighting Units and Methods of Forming Solid State Lighting Units
P0643	United States of America	1	ORD	11548.057	11-Oct-2009	2008-0080369-A1	17-Apr-2008	7,794,114	14-Sep-2010	11-Oct-2026	Granted	IDEAL Industries Lighting LLC	Methods and Apparatus for Improved Heat Spreading in Solid State Lighting System
P0657	Japan		PCT	2009-508542	22-Dec-2008	2009-534792	24-Sep-2009				Abandoned	IDEAL Industries Lighting LLC	Solid State Luminaires for General Illumination
P0657	Patent Cooperation Treaty		ORD	PCT/US2007/009392	18-Apr-2007	WO2007/121104	08-Nov-2007				Inactive	IDEAL Industries Lighting LLC	Solid State Luminaires for General Illumination
P0662	United States of America	1	ORD	114038.767	21-Apr-2009	US2009-0262337-A1	15-Nov-2007	7,625,103	01-Dec-2009	30-Aug-2027	Granted	IDEAL Industries Lighting LLC	Multiple Thermal Path Packaging for Solid State Light Emitting Apparatus and Associated Assembling Methods
P0663	European Patent Convention		ORD	08159050.7	25-Jun-2008	2023193	11-Feb-2009				Abandoned	IDEAL Industries Lighting LLC	LED Backlight System for LCD Displays
P0688	United States of America	2	ODN	13216.434	24-Aug-2011	US-2011-0305001-A1	15-Dec-2011	9,217,503	22-Dec-2015	23-Jan-2028	Abandoned	IDEAL Industries Lighting LLC	LED Lighting Systems Including Luminescent Layers on Remote Reflectors
P0688	Patent Cooperation Treaty		ORD	PCT/US2009/002234	20-Feb-2009	WO2008/103379	28-Aug-2008				Abandoned	IDEAL Industries Lighting LLC	LED Lighting Systems Including Phosphor Layers on Remote Reflectors
P0688	United States of America	1	ORD	11708.816	21-Feb-2007	US2008-0198572	21-Aug-2008				Abandoned	IDEAL Industries Lighting LLC	LED Lighting Systems Including Luminescent Layers on Remote Reflectors
P0689	United States of America	1	ORD	11928.112	30-Oct-2007	US2008-0029279-A1	01-Jan-2008				Abandoned	IDEAL Industries Lighting LLC	Light Emitting Diode (LED) Lighting Systems for Emitting Light in Multiple Directions and Related Methods
P0689	United States of America	3	DIV	13158.865	13-Jun-2011	US-2011-0242800-A1	06-Oct-2011	8,210,717	03-Jul-2012	30-Oct-2027	Granted	IDEAL Industries Lighting LLC	Light Emitting Diode (LED) Lighting Systems for Emitting Light in Multiple Directions and Related Methods

P0689	United States of America	2	CIP	12/04/549	12-Mar-2008	US2008-0002989-A1	01-Jan-2009	8,042,971	25-Oct-2011	24-Oct-2008	Granted	IDEAL Industries Lighting LLC	Light Emitting Diode (LED) Lighting Systems for Emitting Light in Multiple Directions and Related Methods	
P0689	United States of America	0	PRD	8/9/07_383	27-Jun-2007						Inactive	IDEAL Industries Lighting LLC	LED Lighting System with Background Lighting	
P0701	Patent Cooperation Treaty		ORD	PCT/US08/003074	07-Mar-2008	WO2008/115360	25-Sep-2008				Inactive	IDEAL Industries Lighting LLC	Apparatus and Methods for Conformable Diffuse Reflectors for Solid State Lighting Devices	
P0701	Japan	2	DVP	2013-019482	07-Mar-2008						Abandoned	IDEAL Industries Lighting LLC	Apparatus and Methods for Conformable Diffuse Reflectors for Solid State Lighting Devices	
P0701	Korea, Republic of		PCT	2009-7021419	07-Mar-2008	2009-129425	15-Dec-2009	10-1493310	25-Feb-2015	07-Mar-2008	Abandoned	IDEAL Industries Lighting LLC	Apparatus and Methods for Conformable Diffuse Reflectors for Solid State Lighting Devices	
P0702	Patent Cooperation Treaty		ORD	PCT/US08/003008	07-Mar-2008	WO2008/115353	25-Sep-2008				Inactive	IDEAL Industries Lighting LLC	Apparatus and Methods for Backlight Unit with Vertical Interior Reflectors	
P0702	China (People's Republic)		PCT	20080016307.5	07-Mar-2008	101611054	24-Mar-2010				Abandoned	IDEAL Industries Lighting LLC	Apparatus and Methods for Backlight Unit with Vertical Interior Reflectors	
P0702	Korea, Republic of		PCT	2009-7021417	07-Mar-2008	09-125822	07-Dec-2009				Abandoned	IDEAL Industries Lighting LLC	Apparatus and Methods for Backlight Unit with Vertical Interior Reflectors	
P0702	European Patent Convention		PCT	0872625.2	07-Mar-2008	21-3092	09-Dec-2009				Abandoned	IDEAL Industries Lighting LLC	Apparatus and Methods for Backlight Unit with Vertical Interior Reflectors	
P0702	European Patent Convention	2	DIV	11194308.0	08-Dec-2011						Abandoned	IDEAL Industries Lighting LLC	Apparatus and Methods for Backlight Unit with Vertical Interior Reflectors	
P0703	Korea, Republic of		PCT	2009-702570	22-Apr-2008	10-17695	16-Feb-2010				Abandoned	IDEAL Industries Lighting LLC	Systems and Methods for Controlling a Solid State Lighting Panel	
P0703	Patent Cooperation Treaty		ORD	PCT/US08/005145	22-Apr-2008	WO2008/140867	20-Nov-2008				Inactive	IDEAL Industries Lighting LLC	Systems and Methods for Controlling a Solid State Lighting Panel	
P0705	Patent Cooperation Treaty		ORD	PCT/US2009/015024	05-Feb-2008	WO 2009/103094	21-Aug-2008				Inactive	IDEAL Industries Lighting LLC	Systems and Methods for Split Processor Control in a Solid State Lighting Panel	
P0705	Korea, Republic of		PCT	2009-7018414	05-Feb-2008	09-110367	21-Oct-2009				Abandoned	IDEAL Industries Lighting LLC	Systems and Methods for Split Processor Control in a Solid State Lighting Panel	
P0705	European Patent Convention		PCT	08725195.5	05-Feb-2008	2111729			05-Feb-2008		Abandoned	IDEAL Industries Lighting LLC	Systems and Methods for Split Processor Control in a Solid State Lighting Panel	AT; BE; BO; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LU; LV; MC; MT; NL; NO; PL; PT; RO; SE; SI; SK; TR
P0708	Patent Cooperation Treaty		ORD	PCT/US2009/044903	17-Nov-2009	WO 2007/061811	31-May-2007				Inactive	IDEAL Industries Lighting LLC	Solid State Lighting Panels with Variable Voltage Boost Current Sources	
P0715	United States of America	0	PRD	8/9/87_110	29-Jun-2008						Inactive	IDEAL Industries Lighting LLC	Modular LED Light Fixture	
P0715	United States of America	1	ORD	11/089_872	22-Mar-2007	US 2008/0302299	03-Jan-2008	8,113,807	14-Feb-2012	22-Mar-2007	Granted	IDEAL Industries Lighting LLC	Modular LED Light Fixture	
P0730	United States of America	1	ORD	11/788_967	13-Apr-2007	US2008-0252229	16-Oct-2008	7,791,265	07-Sep-2010	29-Jun-2009	Granted	IDEAL Industries Lighting LLC	High Efficiency AC LED Driver Circuit	
P0730	Germany		ORD	10-2008018242.7	16-Apr-2008	10-2008018242	16-Oct-2008				Abandoned	IDEAL Industries Lighting LLC	High Efficiency AC LED Driver Circuit	
P0730	Japan		ORD	2008-103829	11-Apr-2008			507806	07-Sep-2012	11-Apr-2008	Granted	IDEAL Industries Lighting LLC	High Efficiency AC LED Driver Circuit	
P0730	Japan	2	DIV	2012-164962	25-Jul-2012	2012-231175	22-Nov-2012	5559284	13-Jun-2014	11-Apr-2008	Granted	IDEAL Industries Lighting LLC	High Efficiency AC LED Driver Circuit	
P0757	United States of America	5	DDN	13/371_214	10-Feb-2012	US 2012/0188757	28-Jul-2012	8,646,944	11-Feb-2014	12-Sep-2008	Granted	IDEAL Industries Lighting LLC	LED Lighting Fixture	
P0757	United States of America	3	DDN	12/710_079	22-Feb-2010	US 2010/0214700	28-Aug-2010	8,116,450	21-Feb-2012	02-Oct-2008	Granted	IDEAL Industries Lighting LLC	LED Lighting Fixture	
P0757	United States of America	4	DIV	12/848_884	02-Aug-2010	US 2010/0295289	25-Nov-2010	8,408,739	02-Apr-2012	12-Sep-2008	Granted	IDEAL Industries Lighting LLC	LED Lighting Fixture	
P0757	United States of America	6	DDN	14/082_602	18-Nov-2013	US 2014/0142052	22-May-2014	9,562,855	07-Feb-2017	12-Sep-2008	Granted	IDEAL Industries Lighting LLC	LED LIGHTING FIXTURE	
P0757	United States of America	1	ORD	11/518_058	12-Sep-2008	US 2008/0092891	13-Mar-2008	7,788,508	03-Aug-2010	12-Sep-2008	Granted	IDEAL Industries Lighting LLC	LED Lighting Fixture	
P0757	United States of America	2	CIP	11/889_875	22-Mar-2007	US 2008/0062689	13-Mar-2008	7,865,862	23-Feb-2010	08-Feb-2007	Granted	IDEAL Industries Lighting LLC	LED Street Lamp	
P0758	United States of America	1	ORD	11/889_874	22-Mar-2007	US 2008/0231291	25-Sep-2008	7,884,070	02-Nov-2010	04-Jul-2008	Granted	IDEAL Industries Lighting LLC	LED Lighting Fixture	
P0758	United States of America	2	DDN	12/911_284	25-Oct-2010	US 2011/0093488	24-Mar-2011	9,212,808	15-Dec-2015	22-Mar-2007	Granted	IDEAL Industries Lighting LLC	LED Lighting Fixture	
P0767	Germany		EPP	07864427.5	14-May-2009	2007355	12-Aug-2008	2087558	03-Apr-2010	15-Nov-2007	Granted	IDEAL Industries Lighting LLC	LED Socket and Replaceable LED Assemblies	
P0767	China (People's Republic)		PCT	2007/0044014.1	27-May-2009	CN101548436A	30-Sep-2009	ZL200780044014.1	07-Nov-2012	15-Nov-2007	Granted	IDEAL Industries Lighting LLC	LED Socket and Replaceable LED Assemblies	
P0767	Japan		PCT	2009-538410	01-Jun-2009	2010-512006	15-Apr-2010	5189847	25-Jan-2012	15-Nov-2007	Granted	IDEAL Industries Lighting LLC	LED Socket and Replaceable LED Assemblies	
P0767	Korea, Republic of		PCT	10-2070-7013965	30-Jun-2009			10-1410590	17-Jun-2014	15-Nov-2007	Abandoned	IDEAL Industries Lighting LLC	LED Socket and Replaceable LED Assemblies	
P0767	Taiwan		ORD	089144308	28-Nov-2007	477711	21-Mar-2015	477711	21-Mar-2015	28-Nov-2007	Abandoned	IDEAL Industries Lighting LLC	LED Socket and Replaceable LED Assemblies	
P0767	United States of America	0	PRD	8/9/86_162	01-Dec-2006						Inactive	IDEAL Industries Lighting LLC	LED Socket and Replaceable LED Assemblies	
P0767	United States of America	1	ORD	11/814_281	21-Dec-2006	US2008-0130275	05-Jun-2008	7,549,788	23-Jun-2009	21-Dec-2006	Granted	IDEAL Industries Lighting LLC	LED Socket and Replaceable LED Assemblies	
P0767	Patent Cooperation Treaty		ORD	PCT/US2007/084773	15-Nov-2007	2009/070421	12-Jun-2008				Inactive	IDEAL Industries Lighting LLC	LED Socket and Replaceable LED Assemblies	
P0767	European Patent Convention		PCT	07864427.5	14-May-2009	2007355	12-Aug-2008	2087558	03-Apr-2010	15-Nov-2007	Granted	IDEAL Industries Lighting LLC	LED Socket and Replaceable LED Assemblies	AL; AT; BA; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; JP; LI; LU; LV; MC; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TN; TR
P0767	United States of America	2	DDN	12/432_850	30-Apr-2009	US2009-0207909-A1	20-Aug-2009	7,744,268	29-Jun-2010	21-Dec-2008	Granted	IDEAL Industries Lighting LLC	LED Socket and Replaceable LED Assemblies	
P0771	United States of America	1	ORD	11/903_868	25-Sep-2007	US 2008/0080185	28-Mar-2009	7,802,901	28-Sep-2010	25-Sep-2007	Granted	IDEAL Industries Lighting LLC	LED Multi-Chip Lighting Units and Related Methods	
P0771	United States of America	2	DDN	12/887_975	22-Sep-2010	US 2011/0303017	13-Jan-2011	9,074,733	07-Jul-2015	25-Sep-2007	Granted	IDEAL Industries Lighting LLC	LED Multi-Chip Lighting Units and Related Methods	
P0777	United States of America	1	ORD	11/673_351	12-Feb-2007	US2008-0192493	14-Aug-2008	8,258,982	04-Sep-2012	21-Dec-2008	Granted	IDEAL Industries Lighting LLC	High Thermal Conductivity Packaging for Solid State Light Emitting Apparatus and Associated Assembling Methods	
P0783	Japan		ORD	2008-108761	16-Apr-2008						Abandoned	IDEAL Industries Lighting LLC	Light Emitting Diode Based Emergency Lighting Methods and Apparatus	
P0783	United States of America	1	ORD	11/738_181	17-Apr-2007	US2008-0258928-A1	23-Oct-2008	7,690,832	09-Apr-2010	30-Dec-2007	Granted	IDEAL Industries Lighting LLC	Light Emitting Diode Based Emergency Lighting Methods and Apparatus	
P0783	Germany		ORD	102008016788.6	02-Apr-2008	DE 102008016788	23-Oct-2008	102008016788	12-Mar-2015	02-Apr-2008	Granted	IDEAL Industries Lighting LLC	Light Emitting Diode Based Emergency Lighting Methods and Apparatus	
P0788	United States of America	1	ORD								Inactive	IDEAL Industries Lighting LLC	Light Bar Module	
P0801	United States of America	1	ORD	11/738_975	25-Apr-2007	US 2008/0286843	30-Oct-2008	7,845,052	12-Jan-2010	02-Jul-2007	Granted	IDEAL Industries Lighting LLC	LED Ceiling Tile Combination, LED Fixture and Ceiling Tile	

P0304	Patent Cooperation Treaty		ORD	PCT/US2008/05283	07-May-2008	WO2008/15884	18-Dec-2008				Inactive	IDEAL Industries Lighting LLC	Solid State Lighting Panels with Limited Color Gamut and Methods of Limiting Color Gamut in Solid State Lighting Panels	
P0308	Patent Cooperation Treaty		ORD	PCT/US2009/03038	04-Aug-2009	WO2009/122104	19-Feb-2009				Inactive	IDEAL Industries Lighting LLC	Systems and Methods for Protecting Display Components from Adverse Operating Conditions	
P0309	Korea, Republic of		PCT	2010-705300	08-Mar-2010	10-52521	19-May-2010				Abandoned	IDEAL Industries Lighting LLC	Systems and Methods for Protecting Display Components from Adverse Operating Conditions	
P0306	China (People's Republic)		PCT	20080111483.8	26-Jan-2010	101822124	01-Sep-2010				Abandoned	IDEAL Industries Lighting LLC	Systems and Methods for Protecting Display Components from Adverse Operating Conditions	
P0315	Patent Cooperation Treaty		ORD	PCT/US2008/01212	25-Feb-2008	WO2008/110976	11-Sep-2008				Inactive	IDEAL Industries Lighting LLC	Optical System for Backlight Distribution	
P0315	European Patent Convention		PCT	09718426.9	05-Oct-2011	2263038	22-Dec-2010	2263038	11-Sep-2010	25-Feb-2009	Granted	IDEAL Industries Lighting LLC	Optical System for Backlight Distribution	AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; SE; SI; SK; TR
P0315	Germany		EPP	09718426.9	25-Feb-2009	2263038	22-Dec-2010	2263038	11-Sep-2010	25-Feb-2009	Granted	IDEAL Industries Lighting LLC	Optical System for Backlight Distribution	
P0315	China (People's Republic)		PCT	20080115865.2	04-Nov-2010	CN10216395A	13-Apr-2011	ZL20080115865.2	25-Mar-2015	25-Feb-2009	Granted	IDEAL Industries Lighting LLC	Optical System for Backlight Distribution	
P0315	Korea, Republic of		PCT	10-2010-702283	05-Oct-2010	10-2010-0124804	29-Nov-2010				Abandoned	IDEAL Industries Lighting LLC	Optical System for Backlight Distribution	
P0315	European Patent Convention	2	DIV	12164833.1	25-Feb-2008	2515031	24-Oct-2012	2515031	24-Aug-2010	25-Feb-2008	Granted	IDEAL Industries Lighting LLC	Optical System for Backlight Distribution	AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; SE; SI; SK; TR
P0315	United States of America	1	ORD	12/074,762	05-Mar-2008	US-2009-022543-A1	10-Sep-2009	9,557,033	31-Jan-2017	05-Mar-2008	Granted	IDEAL Industries Lighting LLC	Optical System for Backlight Distribution	
P0315	Germany	2	EOV	12164833.1	25-Feb-2009	2515031	24-Oct-2012	2515031	24-Aug-2010	25-Feb-2009	Granted	IDEAL Industries Lighting LLC	Optical System for Backlight Distribution	
P0316	United States of America	3	ODN	16/556,147	29-Aug-2019	20190307599	19-Dec-2019	10904980	26-Jan-2021	27-Mar-2020	Granted	IDEAL Industries Lighting LLC	Apparatus, Methods and Systems for Providing Lighting and Communication	
P0316	Germany	3	EOV	20200788.6	08-Oct-2020	3784005	24-Feb-2021	3784005	29-Jun-2020	19-Mar-2020	Granted	IDEAL Industries Lighting LLC	Apparatus, Methods and Systems for Providing Lighting and Communication	
P0316	Netherlands	3	EOV	20200788.6	08-Oct-2020	3784005	24-Feb-2021	3784005	29-Jun-2020	19-Mar-2020	Granted	IDEAL Industries Lighting LLC	Apparatus, Methods and Systems for Providing Lighting and Communication	
P0316	Germany	2	EOV	18187121.1	02-Aug-2018	3420220	02-Jan-2019	62030903032.2	18-Nov-2020	19-Mar-2020	Granted	IDEAL Industries Lighting LLC	Apparatus, Methods and Systems for Providing Lighting and Communication	
P0316	France	2	EOV	18187121.1	02-Aug-2018	3420220	02-Jan-2019	3420220	18-Nov-2020	19-Mar-2020	Granted	IDEAL Industries Lighting LLC	Apparatus, Methods and Systems for Providing Lighting and Communication	
P0316	United Kingdom	2	EOV	18187121.1	02-Aug-2018	3420220	02-Jan-2019	3420220	18-Nov-2020	19-Mar-2020	Granted	IDEAL Industries Lighting LLC	Apparatus, Methods and Systems for Providing Lighting and Communication	
P0316	Italy	2	EOV	18187121.1	02-Aug-2018	3420220	02-Jan-2019	3420220	18-Nov-2020	19-Mar-2020	Granted	IDEAL Industries Lighting LLC	Apparatus, Methods and Systems for Providing Lighting and Communication	
P0316	European Patent Convention	3	DIV	20200788.6	08-Oct-2020	3784005	24-Feb-2021	3784005	29-Jun-2020	19-Mar-2020	Granted	IDEAL Industries Lighting LLC	Apparatus, Methods and Systems for Providing Lighting and Communication	AL; AT; BA; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; KH; LI; LT; LU; LV; MA; MC; MD; ME; MK; MT; NL; NO; PL; PT; RO; SE; SI; SK; SM; TN; TR
P0316	Japan		ORD	2009-074728	25-Mar-2009	2009-282502	03-Dec-2009				Abandoned	IDEAL Industries Lighting LLC	Apparatus, Methods and Systems for Providing Lighting and Communication	
P0316	Italy		EPC	09155205.9	16-Mar-2009	2106197	30-Sep-2009	2106197	28-Nov-2018	16-Mar-2009	Granted	IDEAL Industries Lighting LLC	Apparatus, Methods and Systems for Providing Lighting and Communication	
P0316	European Patent Convention		ORD	09155205.9	16-Mar-2009	2106197	30-Sep-2009	2106197	28-Nov-2018	16-Mar-2009	Granted	IDEAL Industries Lighting LLC	Apparatus, Methods and Systems for Providing Lighting and Communication	AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; SE; SI; SK; TR
P0316	European Patent Convention	2	DIV	18187121.1	02-Aug-2018	3420220	02-Jan-2019	3420220	18-Nov-2020	19-Mar-2020	Granted	IDEAL Industries Lighting LLC	Apparatus, Methods and Systems for Providing Lighting and Communication	AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; SE; SI; SK; TR
P0316	Germany		EPC	09155205.9	16-Mar-2009	2106197	30-Sep-2009	2106197	28-Nov-2018	16-Mar-2009	Granted	IDEAL Industries Lighting LLC	Apparatus, Methods and Systems for Providing Lighting and Communication	
P0316	United States of America	1	PRI	12/058,431	27-Mar-2008	US-2009-0241300-A1	01-Oct-2009	9,930,759	27-Mar-2016	12-Jun-2011	Granted	IDEAL Industries Lighting LLC	Apparatus, Methods and Systems for Providing Lighting and Communication	
P0316	United States of America	2	ODN	15/682,888	22-Mar-2018	20180213529	26-Jul-2018	10,405,463	03-Sep-2019	27-Mar-2020	Granted	IDEAL Industries Lighting LLC	Apparatus, Methods and Systems for Providing Lighting and Communication	
P0316	France		EPC	09155205.9	16-Mar-2009	2106197	30-Sep-2009	2106197	28-Nov-2018	16-Mar-2009	Granted	IDEAL Industries Lighting LLC	Apparatus, Methods and Systems for Providing Lighting and Communication	
P0316	United Kingdom		EPC	09155205.9	16-Mar-2009	2106197	30-Sep-2009	2106197	28-Nov-2018	16-Mar-2009	Granted	IDEAL Industries Lighting LLC	Apparatus, Methods and Systems for Providing Lighting and Communication	
P0321	United States of America	1	ORD								Combined	IDEAL Industries Lighting LLC	Mobile LCD Display with Partially or Wholly Colorless RGB LED Backlight	
P0324	European Patent Convention		ORD	09154919.8	11-Mar-2009					11-Mar-2009	Abandoned	IDEAL Industries Lighting LLC	Improved Optical Diffuser System	
P0330	Patent Cooperation Treaty		ORD	PCT/US2009/012530	07-Nov-2009	WO2009/094391	22-May-2009				Inactive	IDEAL Industries Lighting LLC	Apparatus and Methods for Providing Front-of-Screen Uniformity in a Backlit Display	
P0330	Korea, Republic of		PCT	2010-7013001	11-Jun-2010						Abandoned	IDEAL Industries Lighting LLC	Apparatus and Methods for Providing Front-of-Screen Uniformity in a Backlit Display	
P0334	United States of America	1	ORD	12/143,899	23-Jun-2008	US-2009-016408-A1	24-Dec-2009	7,976,202	12-Jul-2011	05-Apr-2009	Granted	IDEAL Industries Lighting LLC	Methods and Apparatus for LED Lighting with Heat Spreading in Illumination Gaps	
P0334	United States of America	2	ODN	13/163,964	20-Jun-2011						Abandoned	IDEAL Industries Lighting LLC	Methods and Apparatus for LED Lighting with Heat Spreading in Illumination Gaps	
P0334	United States of America	3	ODN	13/861,304	03-Dec-2012	20130094213	18-Apr-2013	8,789,977	29-Jul-2014	23-Jun-2008	Granted	IDEAL Industries Lighting LLC	Methods and Apparatus for LED Lighting with Heat Spreading in Illumination Gaps	
P0397	United States of America	1	ORD	12/148,018	25-Jun-2008	US-2009-022334-A1	31-Dec-2009	8,240,875	14-Aug-2012	11-Jan-2010	Granted	IDEAL Industries Lighting LLC	Solid State Linear Array Modules for General Illumination	
P0397	United States of America	2	ODN	13/584,488	01-Aug-2012	US20120320567	20-Dec-2012	8,784,226	01-Jul-2014	25-Jun-2008	Granted	IDEAL Industries Lighting LLC	Solid State Linear Array Modules for General Illumination	
P0391	Germany		EPC	08154987	12-Mar-2009	2105653	30-Sep-2009	2105653	09-Sep-2015	12-Mar-2009	Granted	IDEAL Industries Lighting LLC	Uniform Intensity LED Lighting System	
P0391	United States of America	1	ORD	12/058,851	27-Mar-2008	2009-0244893	01-Oct-2009	7,976,187	12-Jul-2011	02-Apr-2008	Granted	IDEAL Industries Lighting LLC	Uniform Intensity LED Lighting System	
P0391	European Patent Convention		ORD	08154987	12-Mar-2009	2105653	30-Sep-2009	2105653	09-Sep-2015	12-Mar-2009	Granted	IDEAL Industries Lighting LLC	Uniform Intensity LED Lighting System	AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; SE; SI; SK; TR
P0391	Japan		ORD	2008-701231	24-Mar-2009	2009-283349	03-Dec-2009	5519948	11-Apr-2014	24-Mar-2009	Abandoned	IDEAL Industries Lighting LLC	Uniform Intensity LED Lighting System	
P0394	United States of America	0	PRD		08-Feb-2008						Abandoned	IDEAL Industries Lighting LLC	LED Fixtures	
P0319	Germany		EPP	07/95474.1	22-Dec-2008	2035745	18-Mar-2009	2035745	29-Apr-2020	30-May-2007	Granted	IDEAL Industries Lighting LLC	Lighting Device with Color Control and Method of Lighting	
P0319	Netherlands		EPP	07/95474.1	22-Dec-2008	2035745	18-Mar-2009	2035745	29-Apr-2020	30-May-2007	Abandoned	IDEAL Industries Lighting LLC	Lighting Device with Color Control and Method of Lighting	
P0319	Taiwan		ORD	86119456	31-May-2007	1413740	01-Nov-2013	1413740	01-Nov-2013	31-May-2007	Abandoned	IDEAL Industries Lighting LLC	Lighting Device with Color Control and Method of Lighting	
P0319	Korea, Republic of		PCT	10-2008-7032025	30-May-2007			10-1376816	20-Mar-2014	30-May-2007	Abandoned	IDEAL Industries Lighting LLC	Lighting Device with Color Control and Method of Lighting	
P0319	Japan		PCT	2009-513245	30-May-2007			5237286	05-Apr-2013	30-May-2007	Abandoned	IDEAL Industries Lighting LLC	Lighting Device with Color Control and Method of Lighting	

P0319	United States of America	0	PRD	89809481	31-May-2009							Inactive	IDEAL Industries Lighting LLC	Lighting Device with Color Control and Method of Lighting	
P0319	United States of America	1	ORD	11/755,149	30-May-2007	US 2007 0278974	08-Dec-2007	7,989,097	28-Jun-2011	28-Jan-2018		Granted	IDEAL Industries Lighting LLC	Lighting Device with Color Control and Method of Lighting	
P0319	Patent Cooperation Treaty		ORD	PCT/US2007/012707	30-May-2007	WO2007/142947	13-Dec-2007					Inactive	IDEAL Industries Lighting LLC	Lighting Device with Color Control and Method of Lighting	
P0319	European Patent Convention		PCT	0795474.1	22-Dec-2008	2035745	18-Mar-2009	2035745	29-Apr-2020	30-May-2027		Granted	IDEAL Industries Lighting LLC	Lighting Device with Color Control and Method of Lighting	AL; AT; BA; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; KH; LI; LT; LU; LV; MA; MC; MD; ME; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TN; TR
P0319	China (People's Republic)		PCT	20070202044.9	30-May-2007	CN101454613	10-Jun-2009					Abandoned	IDEAL Industries Lighting LLC	Lighting Device with Color Control and Method of Lighting	
P0320	Taiwan		ORD	98119457	31-May-2007	TW00308123 A	01-Feb-2008	531277	21-Apr-2016	31-May-2027		Abandoned	IDEAL Industries Lighting LLC	Lighting Device and Method of Lighting	
P0320	China (People's Republic)		PCT	200780019700.3	30-May-2007	CN101582680A	25-Nov-2009					Abandoned	IDEAL Industries Lighting LLC	Lighting Device and Method of Lighting	
P0320	United States of America	2	ODN	19308.573	31-May-2013	20130265753	10-Oct-2013	8,888,214	14-Jan-2014	30-May-2027		Granted	IDEAL Industries Lighting LLC	Lighting Device and Method of Lighting	
P0320	Germany		EPP	0795473.3	30-May-2007	EP2029938	04-Mar-2009	2029938	29-Jul-2015	30-May-2027		Granted	IDEAL Industries Lighting LLC	Lighting Device and Method of Lighting	
P0320	Brazil		PCT	0712409.2	30-May-2007			P0712409	05-Nov-2010	30-May-2027		Abandoned	IDEAL Industries Lighting LLC	Lighting Device and Method of Lighting	
P0320	Japan		PCT	2009-513244	30-May-2007	2009-539227	12-Nov-2009					Abandoned	IDEAL Industries Lighting LLC	Lighting Device and Method of Lighting	
P0320	European Patent Convention		PCT	0795473.3	22-Dec-2008	EP2029938	04-Mar-2009	2029938	29-Jul-2015	30-May-2027		Granted	IDEAL Industries Lighting LLC	Lighting Device and Method of Lighting	AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LI; LT; LU; LV; MC; MT; NL; PL; PT; RO; RS; SE; SI; SK; TR
P0320	Korea, Republic of	2	DVP	10-2014-7023470	22-Aug-2014	KR20140116539A	02-Oct-2014					Abandoned	IDEAL Industries Lighting LLC	Lighting Device and Method of Lighting	
P0320	United States of America	1	ORD	11/755,153	30-May-2007	US20070279903	08-Dec-2007	8,596,819	03-Dec-2013	30-May-2027		Granted	IDEAL Industries Lighting LLC	Lighting Device and Method of Lighting	
P0320	Patent Cooperation Treaty		ORD	PCT/US2007/012708	30-May-2007	WO2007/142948	13-Dec-2007					Inactive	IDEAL Industries Lighting LLC	Lighting Device and Method of Lighting	
P0320	Korea, Republic of		PCT	10-2008-7032021	30-May-2007	KR20090019871 A	25-Feb-2009					Abandoned	IDEAL Industries Lighting LLC	Lighting Device and Method of Lighting	
P0320	United States of America	0	PRD	89809481	31-May-2009							Inactive	IDEAL Industries Lighting LLC	Lighting Device and Method of Lighting	
P0320	India		PCT	7243CHENR/2008	30-May-2007			290804	14-Dec-2017	30-May-2027		Abandoned	IDEAL Industries Lighting LLC	Lighting Device and Method of Lighting	
P0320	United Kingdom		EPP	0795473.3	30-May-2007	EP2029938	04-Mar-2009	2029938	29-Jul-2015	30-May-2027		Granted	IDEAL Industries Lighting LLC	Lighting Device and Method of Lighting	
P0321	Germany		EPP	0795475.8	22-Dec-2008	EP2033278	11-Mar-2009	2033278	10-Apr-2019	30-May-2027		Granted	IDEAL Industries Lighting LLC	Lighting Device and Method of Lighting	
P0321	European Patent Convention		PCT	0795475.8	22-Dec-2008	EP2033278	11-Mar-2009	2033278	10-Apr-2019	30-May-2027		Granted	IDEAL Industries Lighting LLC	Lighting Device and Method of Lighting	AL; AT; BA; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; KH; LI; LT; LU; LV; MA; MC; MD; ME; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TN; TR
P0321	Korea, Republic of		PCT	10-2008-7032031	30-May-2007			10-154873	25-Aug-2015	30-May-2027		Abandoned	IDEAL Industries Lighting LLC	Lighting Device and Method of Lighting	
P0321	China (People's Republic)		PCT	2007-80019143.5	30-May-2007	CN101573843A	04-Nov-2009	ZL200780019143.5	12-Sep-2012	30-May-2027		Abandoned	IDEAL Industries Lighting LLC	Lighting Device and Method of Lighting	
P0321	Japan		PCT	2009-513248	30-May-2007			5933161	13-May-2016	30-May-2027		Abandoned	IDEAL Industries Lighting LLC	Lighting Device and Method of Lighting	
P0321	United States of America	0	PRD	89809481	31-May-2009							Inactive	IDEAL Industries Lighting LLC	Lighting Device and Method of Lighting	
P0321	United States of America	1	ORD	11/755,162	30-May-2007	US 2007 0279440	08-Dec-2007	7,852,010	14-Dec-2010	14-Aug-2028		Granted	IDEAL Industries Lighting LLC	Lighting Device and Method of Lighting	
P0321	Patent Cooperation Treaty		ORD	PCT/US2007/012708	30-May-2007	WO2007/142948	17-Apr-2008					Inactive	IDEAL Industries Lighting LLC	Lighting Device and Method of Lighting	
P0321	Taiwan		ORD	98119458	31-May-2007	426818	11-Feb-2014	426818	11-Feb-2014	31-May-2027		Abandoned	IDEAL Industries Lighting LLC	Lighting Device and Method of Lighting	
P0322	European Patent Convention	2	PCT	19203846.5	19-Oct-2019	3824590	18-Mar-2020			22-Aug-2027		Abandoned	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LI; LT; LU; LV; MC; MT; NL; PL; PT; RO; RS; SE; SI; SK; TR
P0322	United States of America	0	PRD	89809481	23-Aug-2008							Inactive	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0322	United States of America	1	ORD	11/843,343	22-Aug-2007	US2008 0034895	10-Apr-2008	8,310,143	13-Nov-2012	30-Dec-2027		Granted	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0322	European Patent Convention		PCT	07811488.7	20-Mar-2009	EP2000155	20-May-2009			22-Aug-2027		Abandoned	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LI; LT; LU; LV; MC; MT; NL; PL; PT; RO; RS; SE; SI; SK; TR
P0322	Taiwan		ORD	98131207	23-Aug-2007	421448	01-Jan-2014	421448	01-Jan-2014	23-Aug-2027		Abandoned	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0322	Korea, Republic of		PCT	10-2070-7005861	22-Aug-2007							Abandoned	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0322	China (People's Republic)		PCT	20078000798.2	22-Aug-2007	CN101554309A	07-Oct-2009					Abandoned	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0322	Patent Cooperation Treaty		ORD	PCT/US2007/018543	22-Aug-2007	WO2008/024305	28-Feb-2008					Inactive	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0322	Japan		PCT	2009-525616	22-Aug-2007							Abandoned	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0323	Germany	2	EDV	12191485.7	09-Nov-2012	2573923	27-Mar-2013	2573923	13-Apr-2019	13-Sep-2027		Granted	IDEAL Industries Lighting LLC	Circuitry for Supplying Electrical Power to Loads	
P0323	European Patent Convention	4	DIV	12191488.1	09-Nov-2012	2573925	27-Mar-2013	2573925	28-Dec-2010	13-Sep-2027		Granted	IDEAL Industries Lighting LLC	Circuitry for Supplying Electrical Power to Loads	AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LI; LT; LU; LV; MC; MT; NL; PL; PT; RO; RS; SE; SI; SK; TR
P0323	Taiwan		ORD	98134234	13-Sep-2007	514715	21-Dec-2015	514715	21-Dec-2015	13-Sep-2027		Granted	IDEAL Industries Lighting LLC	Circuitry for Supplying Electrical Power to a Load	
P0323	United Kingdom	3	EDV	12191487.3	13-Sep-2007	2573924	27-Mar-2013	2573924	27-Feb-2019	13-Sep-2027		Granted	IDEAL Industries Lighting LLC	Circuitry for Supplying Electrical Power to Loads	
P0323	European Patent Convention	3	DIV	12191487.3	09-Nov-2012	2573924	27-Mar-2013	2573924	27-Feb-2019	13-Sep-2027		Granted	IDEAL Industries Lighting LLC	Circuitry for Supplying Electrical Power to Loads	AL; AT; BA; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; KH; LI; LT; LU; LV; MA; MC; MD; ME; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TN; TR
P0323	European Patent Convention	2	DIV	12191485.7	09-Nov-2012	2573923	27-Mar-2013	2573923	13-Apr-2019	13-Sep-2027		Granted	IDEAL Industries Lighting LLC	Circuitry for Supplying Electrical Power to Loads	AL; AT; BA; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; KH; LI; LT; LU; LV; MA; MC; MD; ME; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TN; TR
P0323	United States of America	0	PRD	89809481	13-Sep-2008							Inactive	IDEAL Industries Lighting LLC	Boost/Fluxback Power Supply Topology with Low Side MOSFET Current Control	
P0323	United Kingdom	4	EDV	12191488.1	13-Sep-2007	2573925	27-Mar-2013	2573925	28-Dec-2010	13-Sep-2027		Granted	IDEAL Industries Lighting LLC	Circuitry for Supplying Electrical Power to Loads	
P0323	United States of America	1	ORD	11/854,744	13-Sep-2007	US2008-0088248	17-Apr-2008	8,283,904	09-Oct-2012	09-Jun-2028		Granted	IDEAL Industries Lighting LLC	Circuitry for Supplying Electrical Power to Loads	
P0323	Patent Cooperation Treaty		ORD	PCT/US2007/078398	13-Sep-2007	WO2008/023984	20-Mar-2008					Inactive	IDEAL Industries Lighting LLC	Circuitry for Supplying Electrical Power to a Load	
P0323	European Patent Convention		PCT	07842400.9	09-Apr-2009	EP2007245A	10-Jun-2009	2087245	22-Oct-2014	13-Sep-2027		Granted	IDEAL Industries Lighting LLC	Circuitry for Supplying Electrical Power to Loads	AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LI; LT; LU; LV; MC; MT; NL; PL; PT; RO; RS; SE; SI; SK; TR

P0323	Germany		EPP	0784240.9	13-Sep-2007	EP2037245A	10-Jun-2009	2087245	22-Oct-2014	13-Sep-2027	Granted	IDEAL Industries Lighting LLC	Circuitry for Supplying Electrical Power to Loads	
P0324	United States of America	1	ORD	11086.421	17-Sep-2007	US2008/0304700	10-Apr-2008	7,959,329	14-Jun-2011	30-Jun-2029	Granted	IDEAL Industries Lighting LLC	Lighting Devices, Lighting Assemblies, Fixtures and Methods of Using Same	
P0324	Patent Cooperation Treaty		ORD	PCT/US2007/078933	17-Sep-2007	WO2008/035998	27-Mar-2008				Inactive	IDEAL Industries Lighting LLC	Lighting Devices, Lighting Assemblies, Fixtures and Methods of Using Same	
P0324	China (People's Republic)		PCT	200780034524.0	17-Sep-2007	CN101675296A	17-Mar-2010	ZL200780034524.0	25-Dec-2012	17-Sep-2027	Granted	IDEAL Industries Lighting LLC	Lighting Devices, Lighting Assemblies, Fixtures and Methods of Using Same	
P0324	Germany		EPP	0784240.9	17-Sep-2007	EP2036966A	10-Jun-2009	2086966	27-Apr-2016	17-Sep-2027	Granted	IDEAL Industries Lighting LLC	Lighting Devices, Lighting Assemblies, Fixtures and Methods of Using Same	
P0324	European Patent Convention		PCT	0784240.9	15-Apr-2009	EP2036966A	10-Jun-2009	2086966	27-Apr-2016	17-Sep-2027	Granted	IDEAL Industries Lighting LLC	Lighting Devices, Lighting Assemblies, Fixtures and Methods of Using Same	AT; BE; B0; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LI; LT; LU; LV; MC; MT; NL; PL; PT; RO; SE; SI; SK; TR
P0324	Taiwan		ORD	98134841	19-Sep-2007	I488622	11-Jan-2015	I488622	11-Jan-2015	19-Sep-2027	Abandoned	IDEAL Industries Lighting LLC	Lighting Devices, Lighting Assemblies, Fixtures and Methods of Using Same	
P0324	United States of America	0	PRQ	89845.429	18-Sep-2008						Inactive	IDEAL Industries Lighting LLC	Lighting Devices, Lighting Assemblies, Fixtures and Methods of Using Same	
P0324	Japan		PCT	2009-528522	17-Sep-2007			533819	13-Jul-2012	17-Sep-2027	Granted	IDEAL Industries Lighting LLC	Lighting Devices, Lighting Assemblies, Fixtures and Methods of Using Same	
P0325	Germany		EPP	0784245.3	15-Apr-2009	2079712A	08-Jul-2009	2079712	12-Aug-2020	21-Sep-2027	Abandoned	IDEAL Industries Lighting LLC	Lighting Assemblies, Methods of Installing Same, and Methods of Replacing Lights	
P0325	European Patent Convention		PCT	0784245.3	15-Apr-2009	2079712A	08-Jul-2009	2079712	12-Aug-2020	21-Sep-2027	Granted	IDEAL Industries Lighting LLC	Lighting Assemblies, Methods of Installing Same, and Methods of Replacing Lights	AT; BE; B0; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LI; LT; LU; LV; MC; MT; NL; PL; PT; RO; SE; SI; SK; TR
P0325	Patent Cooperation Treaty		ORD	PCT/US2007/079123	21-Sep-2007	WO2008/036873	28-Jun-2008				Inactive	IDEAL Industries Lighting LLC	Lighting Assemblies, Methods of Installing Same, and Methods of Replacing Lights	
P0325	United States of America	1	ORD	110591.048	21-Sep-2007	US2008/0304701	10-Apr-2008	8,827,507	09-Sep-2014	01-Dec-2027	Granted	IDEAL Industries Lighting LLC	Lighting Assemblies, Methods of Installing Same, and Methods of Replacing Lights	
P0325	Taiwan		ORD	98133308	21-Sep-2007						Abandoned	IDEAL Industries Lighting LLC	Lighting Assemblies, Methods of Installing Same, and Methods of Replacing Lights	
P0325	United States of America	0	PRQ	89848.222	21-Sep-2008						Inactive	IDEAL Industries Lighting LLC	Lighting Assemblies, Methods of Installing Same, and Methods of Replacing Lights	
P0327	Canada		PCT	2986340	23-Oct-2007						Abandoned	IDEAL Industries Lighting LLC	Lighting Devices and Methods of Installing Light Engine Housing and/or Trim Elements in Lighting Device Housing	
P0327	European Patent Convention		PCT								Inactive	IDEAL Industries Lighting LLC	Lighting Devices and Methods of Installing Light Engine Housing and/or Trim Elements in Lighting Device Housing	
P0327	United States of America	2	ODN	12953.829	24-Nov-2010	US-2011-0089499-A1	24-Mar-2011	8,182,119	22-May-2012	23-Oct-2028	Granted	IDEAL Industries Lighting LLC	Lighting Devices and Methods of Installing Light Engine Housing and/or Trim Elements in Lighting Device Housing	
P0327	China (People's Republic)		PCT	20078003680.8	23-Oct-2007	CN101556342A	02-Dec-2009	ZL20078003680.8	24-Oct-2012	23-Oct-2027	Granted	IDEAL Industries Lighting LLC	Lighting Devices and Methods of Installing Light Engine Housing and/or Trim Elements in Lighting Device Housing	
P0327	China (People's Republic)	2	DIV	201210303251.8	24-Aug-2012	CN102937275A	20-Feb-2013	ZL201210303251.8	29-Jul-2015	29-Oct-2027	Granted	IDEAL Industries Lighting LLC	Lighting Devices and Methods of Installing Light Engine Housing and/or Trim Elements in Lighting Device Housing	
P0327	United States of America	1	ORD	11877.308	23-Oct-2007	US2008/0109007	08-May-2008	7,882,214	04-Jan-2011	20-Jul-2028	Granted	IDEAL Industries Lighting LLC	Lighting Devices and Methods of Installing Light Engine Housing and/or Trim Elements in Lighting Device Housing	
P0327	United States of America	3	ODN	13439.337	04-Apr-2012	US-2012-0195533-A1	02-Aug-2012	8,292,453	23-Oct-2012	23-Oct-2027	Granted	IDEAL Industries Lighting LLC	Lighting Devices and Methods of Installing Light Engine Housing and/or Trim Elements in Lighting Device Housing	
P0327	United States of America	4	ODN	13983.485	20-Sep-2012	US2013-001651.8	17-Jan-2013	8,599,811	03-Dec-2013	23-Oct-2027	Granted	IDEAL Industries Lighting LLC	Lighting Devices and Methods of Installing Light Engine Housing and/or Trim Elements in Lighting Device Housing	
P0327	Taiwan		ORD	98139935	23-Oct-2007	I426622	11-Feb-2014	I426622	11-Feb-2014	23-Oct-2027	Abandoned	IDEAL Industries Lighting LLC	Lighting Devices and Methods of Installing Light Engine Housing and/or Trim Elements in Lighting Device Housing	
P0327	Patent Cooperation Treaty		ORD	PCT/US2007/082201	23-Oct-2007	WO2008/051957	19-Jun-2008			23-Oct-2027	Inactive	IDEAL Industries Lighting LLC	Lighting Devices and Methods of Installing Light Engine Housing and/or Trim Elements in Lighting Device Housing	
P0327	United States of America	0	PRQ	89853.589	23-Oct-2008						Inactive	IDEAL Industries Lighting LLC	Lighting Devices and Methods of Installing Light Engine Housing and/or Trim Elements in Lighting Device Housing	
P0328	United States of America	0	PRQ	89857.305	07-Nov-2008						Inactive	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0328	Japan		PCT	2009-539303	19-May-2009						Abandoned	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0328	Patent Cooperation Treaty		ORD	PCT/US2007/083981	07-Nov-2007	WO 2008/058188	15-May-2008				Inactive	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0328	China (People's Republic)		PCT	200780041374.8	07-Nov-2007	CN102037385A	27-Apr-2011	ZL200780041374.8	04-May-2016	07-Nov-2027	Granted	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0328	European Patent Convention		PCT	0784493.7	01-Jun-2009	EP 2095089A	02-Sep-2009				Abandoned	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0328	European Patent Convention	2	DIV	12189994.1	04-May-2012	2487998	15-Aug-2012			07-Nov-2027	Abandoned	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	AT; BE; B0; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LI; LT; LU; LV; MC; MT; NL; PL; PT; RO; SE; SI; SK; TR
P0328	Taiwan		ORD	089142008	07-Nov-2007	I475714	01-Mar-2015	I475714	01-Mar-2015	07-Nov-2027	Abandoned	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0328	United States of America	2	ODN	13218.989	28-Aug-2011	US-2011-0310802	22-Dec-2011	8,382,318	28-Feb-2013	07-Nov-2027	Granted	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0328	Korea, Republic of		PCT	10-2009-70111679	07-Nov-2007						Abandoned	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0328	United States of America	1	ORD	11908.183	07-Nov-2007	US2008/0108805	08-May-2008	8,020,155	04-Oct-2011	08-Jun-2029	Granted	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0328	India		PCT		07-Nov-2007						Abandoned	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0329	Germany		EPP	07864317.8	13-Nov-2007	EP2095013A	02-Sep-2009	2095013	11-Jan-2017	13-Nov-2027	Granted	IDEAL Industries Lighting LLC	Lighting Device, Illuminated Enclosure and Lighting Methods	
P0329	United States of America	1	ORD	11908.047	13-Nov-2007	US2008/0112183	15-May-2008	8,011,818	08-Sep-2011	04-May-2028	Granted	IDEAL Industries Lighting LLC	Lighting Device, Illuminated Enclosure and Lighting Methods	
P0329	Taiwan		ORD	98142682	12-Nov-2007			I498215	11-Aug-2015		Abandoned	IDEAL Industries Lighting LLC	Lighting Device, Illuminated Enclosure and Lighting Methods	
P0329	China (People's Republic)		PCT	200780041949.4	13-Nov-2007	CN101611257A	23-Dec-2009				Abandoned	IDEAL Industries Lighting LLC	Lighting Device, Illuminated Enclosure and Lighting Methods	
P0329	European Patent Convention		PCT	07864317.8	01-Jun-2009	EP2095013A	02-Sep-2009	2095013	11-Jan-2017	13-Nov-2027	Granted	IDEAL Industries Lighting LLC	Lighting Device, Illuminated Enclosure and Lighting Methods	AT; BE; B0; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LI; LT; LU; LV; MC; MT; NL; PL; PT; RO; SE; SI; SK; TR
P0329	United States of America	0	PRQ	89858.558	13-Nov-2008						Inactive	IDEAL Industries Lighting LLC	Lighting Device, Illuminated Enclosure and Lighting Methods	
P0329	Japan		PCT	2009-539537	13-Nov-2007			5781730	24-Jul-2015	13-Nov-2027	Abandoned	IDEAL Industries Lighting LLC	Lighting Device, Illuminated Enclosure and Lighting Methods	
P0329	Patent Cooperation Treaty		ORD	PCT/US2007/084504	13-Nov-2007	WO2008/093899	29-May-2008				Inactive	IDEAL Industries Lighting LLC	Lighting Device, Illuminated Enclosure and Lighting Methods	
P0330	Japan		PCT	2009-537309	13-Nov-2007			5438216	23-Dec-2013	13-Nov-2027	Granted	IDEAL Industries Lighting LLC	Light Engine Assemblies	
P0330	Germany		EPP	07864324.4	13-Nov-2007	EP2095014A	02-Sep-2009	2095014	10-May-2017	13-Nov-2027	Granted	IDEAL Industries Lighting LLC	Light Engine Assemblies	
P0330	European Patent Convention		PCT	07864324.4	01-Jun-2009	EP2095014A	02-Sep-2009	2095014	10-May-2017	13-Nov-2027	Granted	IDEAL Industries Lighting LLC	Light Engine Assemblies	AT; BE; B0; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LI; LT; LU; LV; MC; MT; NL; PL; PT; RO; SE; SI; SK; TR

P0330	United States of America	0	PRQ	89868,881	14-Nov-2009									Inactive	IDEAL Industries Lighting LLC	Light Engine Assemblies	
P0330	Patent Cooperation Treaty		ORD	PCT/US2007/034513	13-Nov-2007	WO2008/091382	22-May-2008							Inactive	IDEAL Industries Lighting LLC	Light Engine Assemblies	
P0330	United States of America	1	ORD	11/839,052	13-Nov-2007	US2008-0112168	15-May-2008	9,695,828	28-Mar-2017	27-Jun-2009				Granted	IDEAL Industries Lighting LLC	Light Engine Assemblies	
P0330	Taiwan		ORD	86143039	14-Nov-2007	I426203	11-Feb-2014	426203	11-Feb-2014	14-Nov-2007				Abandoned	IDEAL Industries Lighting LLC	Light Engine Assemblies	
P0330	China (People's Republic)		PCT	2007/0042271.1	13-Nov-2007	CN101611258A	23-Dec-2009							Abandoned	IDEAL Industries Lighting LLC	Light Engine Assemblies	
P0331	Japan		PCT	2009-537311	13-Nov-2007			5324450	26-Jul-2013	13-Nov-2007				Granted	IDEAL Industries Lighting LLC	Lighting Assemblies and Components for Lighting Assemblies	
P0331	European Patent Convention		PCT	0786428.5	01-Jun-2009	EP2084452A	05-Aug-2009	2084452	02-Mar-2016	13-Nov-2007				Granted	IDEAL Industries Lighting LLC	Lighting Assemblies and Components for Lighting Assemblies	AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LI; LU; LV; MC; MT; NL; PL; PT; RO; SE; SI; SK; TR
P0331	India		PCT		13-Nov-2007									Abandoned	IDEAL Industries Lighting LLC	Lighting Assemblies and Components for Lighting Assemblies	
P0331	Germany		EPP	0786428.5	13-Nov-2007	EP2084452A	05-Aug-2009	2084452	02-Mar-2016	13-Nov-2007				Granted	IDEAL Industries Lighting LLC	Lighting Assemblies and Components for Lighting Assemblies	
P0331	China (People's Republic)		PCT	2007/0042288.4	13-Nov-2007	CN101622492A	06-Jan-2010	ZL20078004288.4	30-Jan-2013	13-Nov-2007				Granted	IDEAL Industries Lighting LLC	Lighting Assemblies and Components for Lighting Assemblies	
P0331	Germany	2	EDV	11188109.0	07-Nov-2011	EP2420721.A	22-Feb-2012	2420721	30-Mar-2016	13-Nov-2007				Granted	IDEAL Industries Lighting LLC	Lighting Assemblies and Components for Lighting Assemblies	
P0331	Korea, Republic of		PCT	10-2009-7012132	13-Nov-2007			10-1513738	14-Apr-2015	13-Nov-2007				Granted	IDEAL Industries Lighting LLC	Lighting Assemblies and Components for Lighting Assemblies	
P0331	Taiwan		ORD	86143143	14-Nov-2007	I51592	01-Sep-2014	451592	01-Sep-2014	14-Nov-2007				Abandoned	IDEAL Industries Lighting LLC	Lighting Assemblies and Components for Lighting Assemblies	
P0331	United States of America	0	PRQ	89868,013	14-Nov-2009									Inactive	IDEAL Industries Lighting LLC	Lighting Assemblies and Components for Lighting Assemblies	
P0331	United States of America	1	ORD	11/839,059	13-Nov-2007	US2008-0112170-A1	15-May-2008	6,439,531	14-May-2013	15-Jun-2009				Granted	IDEAL Industries Lighting LLC	Lighting Assemblies and Components for Lighting Assemblies	
P0331	Patent Cooperation Treaty		ORD	PCT/US2007/034519	13-Nov-2007	WO2008/091384	22-May-2008							Inactive	IDEAL Industries Lighting LLC	Lighting Assemblies and Components for Lighting Assemblies	
P0331	European Patent Convention	2	DIV	11188109.0	07-Nov-2011	EP2420721.A	22-Feb-2012	2420721	30-Mar-2016	13-Nov-2007				Granted	IDEAL Industries Lighting LLC	Lighting Assemblies and Components for Lighting Assemblies	AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LI; LU; LV; MC; MT; NL; PL; PT; RO; SE; SI; SK; TR
P0333	United States of America	0	PRQ	89281,901	30-Nov-2008									Inactive	IDEAL Industries Lighting LLC	LED Downlight with Accessory Attachment	
P0334	Austria		EPP	07864970.4	30-Nov-2007	EP2100076A	18-Sep-2009	2100076	13-Aug-2014	30-Nov-2007				Granted	IDEAL Industries Lighting LLC	Light Fixture, Lighting Device, and Components for the Same	
P0334	China (People's Republic)		PCT	2007/0043707.9	30-Nov-2007	CN101627252A	13-Jan-2010	ZL200780043707.9	08-Jul-2015	30-Nov-2007				Granted	IDEAL Industries Lighting LLC	Light Fixture, Lighting Device, and Components for the Same	
P0334	United States of America	1	ORD	11/948,041	30-Nov-2007	US2008-0107347	12-Jun-2008	8,088,870	17-Jan-2012	10-Oct-2008				Granted	IDEAL Industries Lighting LLC	Light Fixture, Lighting Device, and Components for the Same	
P0334	Germany		EPP	07864970.4	30-Nov-2007	EP2100076A	18-Sep-2009	2100076	13-Aug-2014	30-Nov-2007				Granted	IDEAL Industries Lighting LLC	Light Fixture, Lighting Device, and Components for the Same	
P0334	European Patent Convention		PCT	07864970.4	22-Jun-2009	EP2100076A	18-Sep-2009	2100076	13-Aug-2014	30-Nov-2007				Granted	IDEAL Industries Lighting LLC	Light Fixture, Lighting Device, and Components for the Same	AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LI; LU; LV; MC; MT; NL; PL; PT; RO; SE; SI; SK; TR
P0334	United States of America	2	ODN	13/37,812	27-Dec-2011	US2012-0243234	27-Sep-2012	9,695,818	28-Mar-2017	03-Jun-2011				Granted	IDEAL Industries Lighting LLC	Light Fixture, Lighting Device, and Components for the Same	
P0334	Patent Cooperation Treaty		ORD	PCT/US2007/088031	30-Nov-2007	WO2008/087515	05-Jun-2008							Inactive	IDEAL Industries Lighting LLC	Light Fixture, Lighting Device, and Components for the Same	
P0334	United States of America	0	PRQ	89281,834	07-May-2007									Inactive	IDEAL Industries Lighting LLC	Lighting Fixture, Lighting Device, and Components for the same	
P0334	Taiwan		ORD	86143980	30-Nov-2007	I524033	01-Mar-2016	524033	01-Mar-2016	30-Nov-2007				Abandoned	IDEAL Industries Lighting LLC	Light Fixture, Lighting Device, and Components for the Same	
P0335	United States of America	2	PRQ	89281,864	08-May-2007									Inactive	IDEAL Industries Lighting LLC	Self-Ballasted Solid State Lighting Device	
P0335	Taiwan		ORD	86143994	30-Nov-2007	I426200	11-Feb-2014	426200	11-Feb-2014	30-Nov-2007				Abandoned	IDEAL Industries Lighting LLC	Self-Ballasted Solid State Lighting Devices	
P0335	China (People's Republic)		PCT	2007/0043708.4	29-Nov-2007	CN101790859A	28-Jul-2010	ZL200780043708.4	05-Jun-2013	29-Nov-2007				Granted	IDEAL Industries Lighting LLC	Self-Ballasted Solid State Lighting Devices	
P0335	European Patent Convention		PCT	07864989.1	05-Jun-2008	EP 2037089.A	09-Sep-2008			29-Nov-2007				Abandoned	IDEAL Industries Lighting LLC	Self-Ballasted Solid State Lighting Device	
P0335	India		PCT	3019/CHENP/2009	29-Nov-2007					29-Nov-2007				Abandoned	IDEAL Industries Lighting LLC	Self-Ballasted Solid State Lighting Devices	
P0335	Japan		PCT	2009-538477	29-Nov-2007	2010-511977	15-Apr-2010	5785381	31-Jul-2015	29-Nov-2007				Granted	IDEAL Industries Lighting LLC	Self-Ballasted Solid State Lighting Devices	
P0335	Korea, Republic of		PCT	10-2070-7013600	29-Nov-2007			10-1409813	10-Jun-2014	29-Nov-2007				Granted	IDEAL Industries Lighting LLC	Self-Ballasted Solid State Lighting Devices	
P0335	United States of America	1	ORD	11/947,362	29-Nov-2007	US2008-0130288	05-Jun-2008	8,057,070	15-Nov-2011	08-Dec-2008				Granted	IDEAL Industries Lighting LLC	Self-Ballasted Solid State Lighting Devices	
P0335	Patent Cooperation Treaty		ORD	PCT/US2007/085904	29-Nov-2007	WO2008/087447	05-Jun-2008							Inactive	IDEAL Industries Lighting LLC	Self-Ballasted Solid State Lighting Devices	
P0335	Japan	2	DVP	2014-040883	01-Mar-2014									Abandoned	IDEAL Industries Lighting LLC	Self-Ballasted Solid State Lighting Devices	
P0335	United States of America	0	PRQ	89281,824	30-Nov-2008									Inactive	IDEAL Industries Lighting LLC	Self-Ballasted Solid State Lighting Devices	
P0336	China (People's Republic)		PCT	2007/0043984.X	30-Nov-2007	CN101617405A	30-Dec-2009	ZL200780043984.X	28-Sep-2011	30-Nov-2007				Granted	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0336	United States of America	0	PRQ	89288,104	01-Dec-2008									Inactive	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0336	European Patent Convention		PCT	07864989.6	22-Jun-2009	EP2102908A	23-Sep-2009							Abandoned	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0336	India		PCT	3048/CHENP/2009	30-Nov-2007			334277	10-Mar-2020	30-Nov-2007				Abandoned	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0336	Brazil		PCT	PI 0721052-3	30-Nov-2007					30-Nov-2007				Abandoned	IDEAL Industries Lighting LLC	Lighting Device and Lighting Metho	
P0336	United States of America	1	ORD	11/958,440	04-Dec-2008			7,213,940	08-May-2007	04-Dec-2008				Granted	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0336	United States of America	2	ORD	11/948,021	30-Nov-2007	2008-0130285	05-Jun-2008	9,084,328	14-Jul-2015	04-Dec-2008				Granted	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0336	Patent Cooperation Treaty		ORD	PCT/US2007/088027	30-Nov-2007	WO2008/070541	12-Jun-2008							Inactive	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0336	Korea, Republic of		PCT	10-2009-7013668	30-Nov-2007									Abandoned	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0336	Taiwan		ORD	86143991	30-Nov-2007	I484123	11-May-2015	484123	11-May-2015	30-Nov-2007				Abandoned	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	

P0336	Japan		PCT	2009-539501	30-Nov-2007	2010-511978	15-Apr-2010	5553383	03-Aug-2012	30-Nov-2007	Granted	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0337	Taiwan		ORD	96148034	04-Dec-2007	1428670	01-Apr-2014	1428670	01-Apr-2014	04-Dec-2007	Abandoned	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0337	United States of America	1	ORD	11/949,162	03-Dec-2007	US2008-0130261	05-Jun-2008	8,337,045	25-Dec-2012	03-Dec-2007	Granted	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0337	European Patent Convention		PCT	07564897.1	24-Jun-2009	EP2095019A	02-Sep-2009				Abandoned	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0337	United States of America	0	PRD	69268,443	04-Dec-2006						Inactive	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0337	Patent Cooperation Treaty		ORD	PCT/US2007/080237	03-Dec-2007	WO2008/070804	12-Jun-2008				Inactive	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0337	China (People's Republic)		PCT	2007/80044816.0	03-Dec-2007	CN101622493A	08-Jan-2010				Abandoned	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0338	Taiwan		ORD	96148028	04-Dec-2007						Abandoned	IDEAL Industries Lighting LLC	Lighting Assembly and Lighting Method	
P0338	United States of America	0	PRD	69268,454	04-Dec-2006						Inactive	IDEAL Industries Lighting LLC	Lighting Assembly and Lighting Method	
P0338	United States of America	1	ORD	11/949,222	03-Dec-2007	US2008-0130262	05-Jun-2008	9,310,028	12-Apr-2016	10-Dec-2008	Granted	IDEAL Industries Lighting LLC	Lighting Assembly and Lighting Method	
P0338	Patent Cooperation Treaty		ORD	PCT/US2007/080242	03-Dec-2007	WO2008/070807	12-Jun-2008				Inactive	IDEAL Industries Lighting LLC	Lighting Assembly and Lighting Method	
P0338	European Patent Convention		PCT	07564898.9	24-Jun-2009	EP2095011A	02-Sep-2009				Abandoned	IDEAL Industries Lighting LLC	Lighting Assembly and Lighting Method	
P0339	Germany		EPP	0785261.5	06-Dec-2007	EP2038954A	19-Aug-2009	208954	03-Aug-2016	06-Dec-2007	Granted	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0339	European Patent Convention		PCT	0785261.5	24-Jun-2009	EP2038954A	19-Aug-2009	208954	03-Aug-2016	06-Dec-2007	Granted	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LI; LU; LV; MC; MT; NL; NO; PL; PT; RO; SE; SI; SK; TR
P0339	Japan		PCT	2009-546469	06-Dec-2007	2010-512621	22-Apr-2010	5153783	14-Dec-2012	06-Dec-2007	Granted	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0339	Korea, Republic of		PCT	10-2009-7014022	06-Dec-2007			10-1446369	24-Sep-2014	06-Dec-2007	Granted	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0339	India		PCT	3915CHEN/2009	06-Dec-2007						Abandoned	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0339	United States of America	0	PRD	69268,968	07-Dec-2006						Inactive	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0339	China (People's Republic)		PCT	2007/80045223.8	06-Dec-2007	CN101611259A	23-Dec-2009	ZL200780045223.8	27-Jun-2012	06-Dec-2007	Granted	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0339	United States of America	1	ORD	11/951,628	06-Dec-2007	US2008-0136313	12-Jun-2008	7,918,581	05-Apr-2011	15-Mar-2009	Granted	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0339	Patent Cooperation Treaty		ORD	PCT/US2007/080550	06-Dec-2007	WO2008/073794	19-Jun-2008				Inactive	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0339	Taiwan		ORD	96148712	07-Dec-2007	1414078	01-Nov-2013	1414078	01-Nov-2013	07-Dec-2007	Granted	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0341	Japan		PCT	2010-507054	28-Aug-2009	2010-527157	05-Aug-2010				Abandoned	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0341	Germany	2	EDV	12159753.1	08-May-2008	2456262	30-May-2012	2456262	23-Jan-2019	08-May-2008	Granted	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0341	United States of America	1	ORD	12117,271	08-May-2008	US-2008-0201954-A1	18-Dec-2008	7,744,843	29-Jun-2010	08-May-2008	Granted	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0341	Brazil		PCT	P0311561.3	28-Aug-2009						Abandoned	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0341	India		PCT	PCT/US09/03042	28-Aug-2009						Abandoned	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0341	China (People's Republic)		PCT	2008/80014842.5	28-Aug-2009	CN101720402A	02-Jun-2010	ZL200880014842.5	28-Dec-2011	08-May-2008	Granted	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0341	Germany		EPP	08747851.7	08-May-2008	EP2153113A	17-Feb-2010	2153113	05-Jan-2016	08-May-2008	Granted	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0341	European Patent Convention		PCT	08747851.7	28-Aug-2009	EP2153113A	17-Feb-2010	2153113	05-Jan-2016	08-May-2008	Granted	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LI; LU; LV; MC; MT; NL; NO; PL; PT; RO; SE; SI; SK; TR
P0341	European Patent Convention	2	DIY	12159753.1	20-Feb-2012	2456262	30-May-2012	2456262	23-Jan-2019	08-May-2008	Granted	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LI; LU; LV; MC; MT; NL; NO; PL; PT; RO; SE; SI; SK; TR
P0341	Korea, Republic of		PCT	10-2009-7025476	28-Aug-2009						Abandoned	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0341	Taiwan		ORD	97117110	08-May-2008	1421447	01-Jan-2014	1421447	01-Jan-2014	08-May-2008	Abandoned	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0341	United States of America	2	PRD	69268,948	19-Jun-2007						Inactive	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0341	United States of America	0	PRD	69268,597	08-May-2007						Inactive	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0341	Patent Cooperation Treaty		ORD	PCT/US09/03042	08-May-2008	WO2008/073803	13-Nov-2008				Inactive	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0342	Italy		EPP	08730482.2	22-Feb-2008	EP2122231A	25-Nov-2009	2122231	01-Oct-2014	22-Feb-2008	Granted	IDEAL Industries Lighting LLC	Lighting Devices, Methods of Lighting, Light Filters and Methods of Filtering Light	
P0342	European Patent Convention		PCT	08730482.2	22-Feb-2008	EP2122231A	25-Nov-2009	2122231	01-Oct-2014	22-Feb-2008	Granted	IDEAL Industries Lighting LLC	Lighting Devices, Methods of Lighting, Light Filters and Methods of Filtering Light	AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LI; LU; LV; MC; MT; NL; NO; PL; PT; RO; SE; SI; SK; TR
P0342	China (People's Republic)		PCT	2008/80030598.6	22-Feb-2008	CN101651671A	24-Feb-2010	ZL200880030598.6	11-Jul-2012	22-Feb-2008	Granted	IDEAL Industries Lighting LLC	Lighting Devices, Methods of Lighting, Light Filters and Methods of Filtering Light	
P0342	United Kingdom		EPP	08730482.2	22-Feb-2008	EP2122231A	25-Nov-2009	2122231	01-Oct-2014	22-Feb-2008	Granted	IDEAL Industries Lighting LLC	Lighting Devices, Methods of Lighting, Light Filters and Methods of Filtering Light	
P0342	Germany		EPP	08730482.2	22-Feb-2008	EP2122231A	25-Nov-2009	2122231	01-Oct-2014	22-Feb-2008	Abandoned	IDEAL Industries Lighting LLC	Lighting Devices, Methods of Lighting, Light Filters and Methods of Filtering Light	
P0342	France		EPP	08730482.2	22-Feb-2008	EP2122231A	25-Nov-2009	2122231	01-Oct-2014	22-Feb-2008	Granted	IDEAL Industries Lighting LLC	Lighting Devices, Methods of Lighting, Light Filters and Methods of Filtering Light	
P0342	Korea, Republic of		PCT	10-2009-7019853	22-Feb-2008			10-1498269	27-Feb-2015	22-Feb-2008	Abandoned	IDEAL Industries Lighting LLC	Lighting Devices, Methods of Lighting, Light Filters and Methods of Filtering Light	
P0342	Taiwan		ORD	97100209	22-Feb-2008	1560405	01-Dec-2016	1560405	01-Dec-2016	22-Feb-2008	Granted	IDEAL Industries Lighting LLC	Lighting Devices, Methods of Lighting, Light Filters and Methods of Filtering Light	
P0342	United States of America	0	PRD	69268,148	22-Feb-2007						Inactive	IDEAL Industries Lighting LLC	Lighting Devices, Methods of Lighting, Light Filters and Methods of Filtering Light	
P0342	Patent Cooperation Treaty		ORD	PCT/US2009/054865	22-Feb-2008	WO2008/038876	28-Aug-2008				Inactive	IDEAL Industries Lighting LLC	Lighting Devices, Methods of Lighting, Light Filters and Methods of Filtering Light	
P0342	United States of America	1	ORD	12035,604	22-Feb-2008	US2008-0295989	23-Oct-2008	8,508,114	13-Aug-2010	23-May-2000	Granted	IDEAL Industries Lighting LLC	Lighting Devices, Methods of Lighting, Light Filters and Methods of Filtering Light	
P0342	Japan		PCT	2009-551025	22-Feb-2008	2010-519709	03-Jun-2010	5478126	14-Feb-2014	22-Feb-2008	Granted	IDEAL Industries Lighting LLC	Lighting Devices, Methods of Lighting, Light Filters and Methods of Filtering Light	

P0343	United States of America	0	PRD	89918,000	04-May-2007								Inactive	IDEAL Industries Lighting LLC	Lighting Fixture	
P0343	Patent Cooperation Treaty		ORD	PCT/US09/02010	05-May-2008	WO/2008/127022	13-Nov-2008						Inactive	IDEAL Industries Lighting LLC	Lighting Fixture	
P0343	China (People's Republic)		PCT	20080014019.4	29-Oct-2009	CN10166804A	10-Mar-2010	ZL20080014019.4	16-Jul-2014	05-May-2008			Granted	IDEAL Industries Lighting LLC	Lighting Fixture	
P0343	Taiwan		ORD	97118565	05-May-2008								Abandoned	IDEAL Industries Lighting LLC	Lighting Fixture	
P0343	United States of America	1	DDP	12114,604	05-May-2008	US2008 0304289A	11-Dec-2008	7,967,480	28-Jun-2011	14-Feb-2008			Granted	IDEAL Industries Lighting LLC	Lighting Fixture	
P0343	European Patent Convention		PCT	08747821.4	28-Aug-2009	EP2153122A	17-Feb-2010						Abandoned	IDEAL Industries Lighting LLC	Lighting Fixture	
P0344	Germany	2	EDV	12158724.2	07-May-2008	2498269	30-May-2012	2458269	15-Jul-2015	07-May-2008			Granted	IDEAL Industries Lighting LLC	Lighting Fixtures and Lighting Devices	
P0344	Taiwan		ORD	97118762	07-May-2008	1448944	11-Aug-2014	1448944	11-Aug-2014	07-May-2008			Abandoned	IDEAL Industries Lighting LLC	Light Fixtures and Lighting Devices	
P0344	China (People's Republic)		PCT	20080014989.3	09-Nov-2009	CN101609038 A	24-Mar-2010	ZL20080014989.3	29-Jul-2015	07-May-2008			Granted	IDEAL Industries Lighting LLC	Lighting Fixtures and Lighting Devices	
P0344	Germany		EPP	08747743.8	07-May-2008	EP2153122A	17-Feb-2010	2153122	15-Jul-2015	07-May-2008			Granted	IDEAL Industries Lighting LLC	Lighting Fixtures and Lighting Devices	
P0344	Patent Cooperation Treaty		ORD	PCT/US09/02020	07-May-2008	WO2008/137903	13-Nov-2008						Inactive	IDEAL Industries Lighting LLC	Light Fixtures and Lighting Devices	
P0344	European Patent Convention	2	DIV	12158724.2	07-May-2008	2498269	30-May-2012	2458269	15-Jul-2015	07-May-2008			Granted	IDEAL Industries Lighting LLC	Lighting Fixtures and Lighting Devices	AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; U; LT; LU; LV; MC; MT; NL; NO; PL; PT; RO; SE; SI; SK; TR
P0344	United States of America	0	PRD	89918,407	07-May-2007								Inactive	IDEAL Industries Lighting LLC	Light Fixtures and Lighting Devices	
P0344	European Patent Convention		PCT	08747743.6	28-Aug-2009	EP2153122A	17-Feb-2010	2153122	15-Jul-2015	07-May-2008			Granted	IDEAL Industries Lighting LLC	Lighting Fixtures and Lighting Devices	AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; U; LT; LU; LV; MC; MT; NL; NO; PL; PT; RO; SE; SI; SK; TR
P0344	United States of America	1	ORD	12118,341	07-May-2008	US2008-027895.2	13-Nov-2008	9,310,035	12-Apr-2016	04-Jan-2009			Granted	IDEAL Industries Lighting LLC	Light Fixtures	
P0345	Japan		PCT	2010507943	08-Nov-2009	2010-527121	05-Aug-2010	5325208	26-Jul-2013	08-May-2008			Granted	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0345	Germany		EPP	08780902.2	08-May-2008	EP2156000A	24-Feb-2010	2156000	06-Jul-2016	08-May-2008			Granted	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0345	China (People's Republic)		PCT	20080014561.X	08-May-2008	CN101608644 A	31-Mar-2010	ZL20080014561.X	15-Jun-2011	08-May-2008			Granted	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0345	European Patent Convention		PCT	08780902.2	08-May-2008	EP2156000A	24-Feb-2010	2156000	06-Jul-2016	08-May-2008			Granted	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; U; LT; LU; LV; MC; MT; NL; NO; PL; PT; RO; SE; SI; SK; TR
P0345	United States of America	0	PRD	89918,598	08-May-2007								Inactive	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0345	Patent Cooperation Treaty		ORD	PCT/US09/03016	08-May-2008	WO2008/137974	13-Nov-2008						Inactive	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0345	United States of America	1	ORD	12117,122	08-May-2008	US-2008-0304280-A1	11-Dec-2008	8,036,317	18-Oct-2011	03-May-2008			Granted	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0345	Taiwan		ORD	97117108	08-May-2008			1488948	21-Jun-2015				Abandoned	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0345	Korea, Republic of		PCT	10-2009-7025491	08-May-2008			10-1489032	05-Nov-2014	08-May-2008			Granted	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0346	United States of America	0	PRD	89918,607	08-May-2007								Inactive	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0346	Taiwan		ORD	97117107	08-May-2008								Abandoned	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0346	Japan		PCT	2010507948	08-Nov-2009	2010-527155	05-Aug-2010						Abandoned	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0346	Korea, Republic of		PCT	10-2009-7025478	08-May-2008			10-1485206	15-Jan-2015	08-May-2008			Granted	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0346	China (People's Republic)		PCT	20080014683.2	08-May-2008	CN101711325A	19-May-2010	ZL20080014683.2	10-Jul-2013	08-May-2008			Granted	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0346	Patent Cooperation Treaty		ORD	PCT/US09/03020	08-May-2008	WO2008/137975	13-Nov-2008						Inactive	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0346	Germany		EPP	08755157.8	08-May-2008	EP2142843A	13-Jan-2010	2142843	14-Dec-2016	08-May-2008			Granted	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0346	United States of America	1	ORD	12117,131	08-May-2008	US2008-0278940	13-Nov-2008	10,030,824	24-Jul-2018	04-Dec-2008			Granted	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0346	European Patent Convention		PCT	08755157.8	08-May-2008	EP2142843A	13-Jan-2010	2142843	14-Dec-2016	08-May-2008			Granted	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; U; LT; LU; LV; MC; MT; NL; NO; PL; PT; RO; SE; SI; SK; TR
P0347	European Patent Convention		PCT	08755158.6	08-Dec-2009	EP2142844A	13-Jan-2010	2142844	23-Aug-2017	08-May-2008			Granted	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; U; LT; LU; LV; MC; MT; NL; NO; PL; PT; RO; SE; SI; SK; TR
P0347	Patent Cooperation Treaty		ORD	PCT/US09/03021	08-May-2008	WO2008/137976	13-Nov-2008						Inactive	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0347	China (People's Republic)		PCT	20080014644.4	08-May-2008	107755196A	23-Jun-2010	ZL20080014644.4	27-Mar-2013	08-May-2008			Granted	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0347	Germany		EPP	08755158.6	08-May-2008	EP2142844A	13-Jan-2010	2142844	23-Aug-2017	08-May-2008			Granted	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0347	Korea, Republic of		PCT	10-2009-7025477	08-Dec-2009								Abandoned	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0347	Japan		PCT	2010507947	08-Nov-2009	2010-527510	12-Aug-2010						Abandoned	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0347	United States of America	0	PRD	89918,580	08-May-2007								Inactive	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0347	United States of America	1	ORD	12117,138	08-May-2008	US2008-0278928	13-Nov-2008	8,079,729	29-Dec-2011	23-Jun-2008			Granted	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0347	Taiwan		ORD	97117108	08-May-2008	1422785	11-Jan-2014	1422785	11-Jan-2014	08-May-2008			Abandoned	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0348	India		DES	208840	24-Apr-2007			208840	07-Jan-2008	23-Oct-2021			Expired	IDEAL Industries Lighting LLC	Lighting Device	
P0348	United States of America	2	DES	29205,203	24-Sep-2007			6587,082	18-Nov-2008	18-Nov-2002			Granted	IDEAL Industries Lighting LLC	Lighting Device	
P0348	United States of America	1	DES	29207,854	23-Oct-2009								Abandoned	IDEAL Industries Lighting LLC	Lighting Device	
P0348	Canada		DES	120500	26-Apr-2007			120500	21-Dec-2009	21-Dec-2019			Expired	IDEAL Industries Lighting LLC	Lighting Device	
P0348	Japan		DES	2007-10805	23-Apr-2007			1369192	22-Aug-2008	22-Aug-2008			Abandoned	IDEAL Industries Lighting LLC	Lighting Device	
P0348	China (People's Republic)		DES	200730144812.4	23-Apr-2007			ZL200730144812.4	30-Apr-2008	29-Apr-2017			Expired	IDEAL Industries Lighting LLC	Lighting Device	

P0348	Korea, Republic of		DES	30/2007-17585	23-Apr-2007		480313	14-Feb-2008	14-Feb-2023	Granted	IDEAL Industries Lighting LLC	Lighting Device		
P0349	Korea, Republic of		DES	30/2007-17588	23-Apr-2007		480313.1	14-Feb-2008	14-Feb-2023	Abandoned	IDEAL Industries Lighting LLC	Lighting Device		
P0349	India		DES	209841	24-Apr-2007		209841	07-Jan-2008	20-Oct-2021	Expired	IDEAL Industries Lighting LLC	Lighting Device		
P0349	Canada		DES	120497	20-Apr-2007		120497	21-Dec-2009	21-Dec-2019	Expired	IDEAL Industries Lighting LLC	Lighting Device		
P0349	United States of America	1	DES	29/207,880	23-Oct-2009					Abandoned	IDEAL Industries Lighting LLC	Lighting Device		
P0349	China (People's Republic)		DES	200730144810.5	23-Apr-2007		ZL200730144810.5	20-Aug-2008	20-Apr-2017	Expired	IDEAL Industries Lighting LLC	Lighting Device		
P0349	United States of America	2	DES	29/205,171	14-Mar-2008		D600,350	15-Sep-2010	15-Sep-2023	Granted	IDEAL Industries Lighting LLC	Lighting Device		
P0349	Japan		DES	2007-10808	23-Apr-2007		1340401	22-Aug-2008	22-Aug-2028	Abandoned	IDEAL Industries Lighting LLC	Lighting Device		
P0350	United States of America	1	DES	29/207,855	23-Oct-2009					Abandoned	IDEAL Industries Lighting LLC	Lighting Device		
P0350	United States of America	2	DES	29/205,204	24-Sep-2007		D581,083	18-Nov-2008	18-Nov-2022	Granted	IDEAL Industries Lighting LLC	Lighting Device		
P0351	United States of America	1	DES	29/207,852	23-Oct-2009					Abandoned	IDEAL Industries Lighting LLC	Lighting Device		
P0351	United States of America	2	DES	29/205,175	14-Mar-2008		D601,730	09-Oct-2009	18-Nov-2022	Granted	IDEAL Industries Lighting LLC	Lighting Device		
P0352	United States of America	1	DES	29/207,911	23-Oct-2009					Abandoned	IDEAL Industries Lighting LLC	Lighting Device		
P0352	United States of America	2	DES	29/205,284	25-Sep-2007		D570,530	03-Jun-2008	03-Jun-2022	Granted	IDEAL Industries Lighting LLC	Lighting Device		
P0353	United States of America	2	DES	29/205,285	25-Sep-2007		D571,030	10-Jun-2008	10-Jun-2022	Granted	IDEAL Industries Lighting LLC	Lighting Device		
P0353	United States of America	1	DES	29/207,853	23-Oct-2009					Abandoned	IDEAL Industries Lighting LLC	Lighting Device		
P0354	Canada		DES	120498	20-Apr-2007		120498	21-Dec-2009	21-Dec-2019	Expired	IDEAL Industries Lighting LLC	Lighting Device		
P0354	United States of America	2	DES	29/205,281	25-Sep-2007		D570,530	03-Jun-2008	03-Jun-2022	Granted	IDEAL Industries Lighting LLC	Lighting Device		
P0354	United States of America	1	DES	29/207,857	23-Oct-2009					Abandoned	IDEAL Industries Lighting LLC	Lighting Device		
P0354	Korea, Republic of		DES	30/2007-17584	23-Apr-2007		485244-1	20-Mar-2008	20-Mar-2023	Abandoned	IDEAL Industries Lighting LLC	Lighting Device		
P0354	Japan		DES	2007-10804	23-Apr-2007		1335580	08-Aug-2008	08-Aug-2028	Abandoned	IDEAL Industries Lighting LLC	Lighting Device		
P0354	China (People's Republic)		DES	200730144811.X	23-Apr-2007		ZL200730144811.X	10-Dec-2008	20-Apr-2017	Expired	IDEAL Industries Lighting LLC	Lighting Device		
P0354	India		DES	209839	24-Apr-2007		209839	20-Feb-2009	20-Oct-2021	Expired	IDEAL Industries Lighting LLC	Lighting Device		
P0355	United Kingdom	1	RFD	900718804-0001	23-Apr-2007		900718804-0001	23-Apr-2007	20-Apr-2032	Granted	IDEAL Industries Lighting LLC	Lighting Devices		
P0355	United Kingdom	2	RFD	900718804-0002	23-Apr-2007		900718804-0002	23-Apr-2007	20-Apr-2032	Granted	IDEAL Industries Lighting LLC	Lighting Devices		
P0355	United Kingdom	3	RFD	900718804-0003	23-Apr-2007		900718804-0003	23-Apr-2007	20-Apr-2032	Granted	IDEAL Industries Lighting LLC	Lighting Devices		
P0355	United Kingdom	4	RFD	900718804-0004	23-Apr-2007		900718804-0004	23-Apr-2007	20-Apr-2032	Granted	IDEAL Industries Lighting LLC	Lighting Devices		
P0355	India		DES	209838	24-Apr-2007		209838	07-Jan-2008	20-Oct-2021	Expired	IDEAL Industries Lighting LLC	Lighting Device		
P0355	United States of America	1	DES	29/207,859	23-Oct-2009					Abandoned	IDEAL Industries Lighting LLC	Lighting Device		
P0355	United States of America	2	DES	29/205,280	25-Sep-2007		D570,537	03-Jun-2008	03-Jun-2022	Granted	IDEAL Industries Lighting LLC	Lighting Device		
P0355	Korea, Republic of		DES	30/2007-17583	23-Apr-2007		485244	20-Mar-2008	20-Mar-2023	Abandoned	IDEAL Industries Lighting LLC	Lighting Device		
P0355	Japan		DES	2007-10803	23-Apr-2007		1339434	08-Aug-2008	08-Aug-2028	Abandoned	IDEAL Industries Lighting LLC	Lighting Device		
P0355	European Community	3	DES	000718804-0003	23-Apr-2007		000718804-0003	23-Apr-2007	20-Apr-2032	Granted	IDEAL Industries Lighting LLC	Lighting Devices		
P0355	European Community	2	DES	000718804-0002	23-Apr-2007		000718804-0002	23-Apr-2007	20-Apr-2032	Granted	IDEAL Industries Lighting LLC	Lighting Devices		
P0355	China (People's Republic)		DES	200730144813.9	23-Apr-2007		ZL200730144813.9	15-Oct-2008	20-Apr-2017	Expired	IDEAL Industries Lighting LLC	Lighting Device		
P0355	Canada		DES	120499	20-Apr-2007		120499	21-Dec-2009	21-Dec-2019	Expired	IDEAL Industries Lighting LLC	Lighting Device		
P0355	European Community	1	DES	000718804-0001	23-Apr-2007		000718804-0001	23-Apr-2007	20-Apr-2032	Granted	IDEAL Industries Lighting LLC	Lighting Devices		
P0355	European Community	4	DES	000718804-0004	23-Apr-2007		000718804-0004	23-Apr-2007	20-Apr-2032	Granted	IDEAL Industries Lighting LLC	Lighting Devices		
P0356	United States of America	0	PRD	80752,753	21-Dec-2005					Inactive	IDEAL Industries Lighting LLC	Lighting Device		
P0356	European Patent Convention		PCT	08043070.2	04-Jul-2008	1987743A	03-Sep-2008	1987743	07-Sep-2010	20-Dec-2028	Granted	IDEAL Industries Lighting LLC	Lighting Device	AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LU; LV; MC; NL; PL; PT; RO; SE; SI; SK; TR
P0356	China (People's Republic)		PCT	20080049121.7	20-Dec-2008	CN101480779	17-Jun-2009				Abandoned	IDEAL Industries Lighting LLC	Lighting Device	
P0356	Germany		EPP	08043070.2	20-Dec-2008	1987743A	03-Sep-2008	1987743	07-Sep-2010	20-Dec-2028	Granted	IDEAL Industries Lighting LLC	Lighting Device	
P0356	Taiwan		ORD	95147851	20-Dec-2009	I421438	01-Jan-2014	I421438	01-Jan-2014	20-Dec-2028	Abandoned	IDEAL Industries Lighting LLC	Lighting Device	
P0356	United States of America	1	ORD	11/813,682	20-Dec-2006	US20070139923	21-Jun-2007	0,337,071	25-Dec-2012	20-Dec-2028	Granted	IDEAL Industries Lighting LLC	Lighting Device	
P0356	Patent Cooperation Treaty		ORD	PCT/US2009/048521	20-Dec-2009	WO2007075742	05-Jul-2007				Inactive	IDEAL Industries Lighting LLC	Lighting Device	
P0356	China (People's Republic)	2	DIV	201410121334.4	28-Mar-2014	CN10392521A	16-Jul-2014				Abandoned	IDEAL Industries Lighting LLC	Lighting Device	
P0356	Japan		PCT	2008-547484	20-Dec-2008		5614786	19-Sep-2014	20-Dec-2028	Abandoned	IDEAL Industries Lighting LLC	Lighting Device		
P0357	European Patent Convention		PCT	07778708.9	01-Dec-2008	EP2021888	11-Feb-2009	2021688	27-Apr-2016	03-May-2027	Granted	IDEAL Industries Lighting LLC	Lighting Device	AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LU; LV; MC; MT; NL; PL; PT; RO; SE; SI; SK; TR

P0957	Korea, Republic of		PCT	10-2008-702982	03 May 2007			10-1340862	05-Dec-2010	03-May-2027	Granted	IDEAL Industries Lighting LLC	Lighting Device
P0957	United States of America	1	ORD	11/743,754	03 May 2007	US20070283303	15-Nov-2007	7,722,220	25-May-2010	24-May-2027	Granted	IDEAL Industries Lighting LLC	Lighting Device
P0957	Japan		PCT	2009-509720	03 May 2007			4944948	09-Mar-2012	03-May-2027	Granted	IDEAL Industries Lighting LLC	Lighting Device
P0957	Germany		EPP	0776706.9	03 May 2007	EP2021888	11-Feb-2009	2021688	27-Apr-2016	03-May-2027	Granted	IDEAL Industries Lighting LLC	Lighting Device
P0957	China (People's Republic)		PCT	200720016116.2	03 May 2007	CN101449100A	03-Jun-2009	ZL2007200161116.2	27-Jun-2012	03-May-2027	Granted	IDEAL Industries Lighting LLC	Lighting Device
P0957	European Patent Convention	2	DIV								Abandoned	IDEAL Industries Lighting LLC	Lighting Device
P0957	United States of America	0	PRQ	80738,448	05 May 2006						Inactive	IDEAL Industries Lighting LLC	Lighting Device
P0957	Taiwan		ORD	96115628	04 May 2007	M03964	01-Aug-2013	1403964	01-Aug-2013	04-May-2027	Abandoned	IDEAL Industries Lighting LLC	Lighting Device
P0957	Patent Cooperation Treaty		ORD	PCT/US2007/010769	03 May 2007	WO2007/130536	15-Nov-2007				Inactive	IDEAL Industries Lighting LLC	Lighting Device
P0959	India		PCT	3104CHENP/2008	20-Jun-2008						Abandoned	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method
P0959	Japan		PCT	2008-547507	20-Dec-2008			5137847	22-Nov-2012	20-Dec-2028	Granted	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method
P0959	Brazil		PCT	0620413.9	23-Jun-2008						Abandoned	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method
P0959	China (People's Republic)		PCT	20080046117.0	20-Dec-2008	CN101449371A	03-Jun-2009	ZL20080046117.0	07-Mar-2012	20-Dec-2028	Granted	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method
P0959	European Patent Convention		PCT	08647851.0	08-Jul-2008	EP1993740A	03-Sep-2008				Abandoned	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method
P0959	European Patent Convention	3	DIV	11172265.8	30-Jun-2011	EP2722224	01-Aug-2012				Abandoned	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method
P0959	Korea, Republic of		PCT	10-2008-7017963	20-Dec-2008			10-1323139	15-Nov-2010	20-Dec-2028	Granted	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method
P0959	United States of America	3	ODN	13743,911	14-Jan-2013	2013-0194792	01-Aug-2013	8,878,429	04-Nov-2014	07-Jan-2026	Granted	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method
P0959	United States of America	2	DIV	12015,848	15-Jun-2010	US-2010-0254130-A1	07-Oct-2010				Abandoned	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method
P0959	United States of America	1	ORD	11/813,714	20-Dec-2008	US2007013920	21-Jun-2007	7,768,192	03-Aug-2010	20-Nov-2027	Granted	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method
P0959	United States of America	0	PRQ	80752,555	21-Dec-2005						Inactive	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method
P0959	Taiwan		ORD	95148132	21-Dec-2006	I322870	01-Apr-2010	I322870	01-Apr-2010	21-Dec-2028	Abandoned	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method
P0959	Patent Cooperation Treaty		ORD	PCT/US2009/048954	20-Dec-2009	WO2007/075815	10-Apr-2008				Inactive	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method
P0959	European Patent Convention	2	DIV	11172264.1	30-Jun-2011	2722223	05-Oct-2011				Abandoned	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method
P0980	Taiwan		ORD	95148134	21-Dec-2006	M63448	01-Dec-2014	1483448	01-Dec-2014	21-Dec-2028	Granted	IDEAL Industries Lighting LLC	Sign and Method for Lighting
P0980	United States of America	1	ORD	11/813,733	20-Dec-2008	US20070137074	21-Jun-2007	8,112,921	14-Feb-2012	28-Aug-2029	Granted	IDEAL Industries Lighting LLC	Sign and Method for Lighting
P0980	European Patent Convention		PCT	086438257.9	04-Jul-2008	EP1994104A	03-Sep-2008			20-Dec-2028	Abandoned	IDEAL Industries Lighting LLC	Sign and Method for Lighting
P0980	United States of America	0	PRQ	80752,558	21-Dec-2005						Inactive	IDEAL Industries Lighting LLC	Sign and Method for Lighting
P0980	Patent Cooperation Treaty		ORD	PCT/US2009/048504	20-Dec-2009	WO2007/075730	03-Jul-2008				Inactive	IDEAL Industries Lighting LLC	Sign and Method for Lighting
P0980	United States of America	2	DIV	13/344,121	05-Jan-2012	US-2012-0132880-A1	03-May-2012	9,576,511	21-Feb-2017	20-Dec-2028	Granted	IDEAL Industries Lighting LLC	Sign and Method for Lighting
P0981	Japan		PCT	2008-551400	19-Jan-2007						Abandoned	IDEAL Industries Lighting LLC	Shifting Spectral Content in Solid State Light Emitters by Spatially Separating Lumiphor Films
P0981	United States of America	0	PRQ	80760,455	20-Jan-2006						Inactive	IDEAL Industries Lighting LLC	Shifting Spectral Content in Solid State Light Emitters by Spatially Separating Lumiphor Films
P0981	China (People's Republic)		PCT	20070002700.2	19-Jan-2007	CN101473450A	01-Jul-2009	ZL20070002700.2	27-Aug-2014	19-Jan-2027	Granted	IDEAL Industries Lighting LLC	Shifting Spectral Content in Solid State Light Emitters by Spatially Separating Lumiphor Films
P0981	Taiwan		ORD	96102055	19-Jan-2007	I491062	01-Jul-2015	I491062	01-Jul-2015	19-Jan-2027	Abandoned	IDEAL Industries Lighting LLC	Shifting Spectral Content in Solid State Light Emitters by Spatially Separating Lumiphor Films
P0981	India		PCT	3730CHENP/2010	18-Jul-2008						Abandoned	IDEAL Industries Lighting LLC	Shifting Spectral Content in Solid State Light Emitters by Spatially Separating Lumiphor Films
P0981	United States of America	2	PRQ	80761,310	23-Jan-2006						Inactive	IDEAL Industries Lighting LLC	Shifting Spectral Content in Solid State Light Emitters by Spatially Separating Lumiphor Films
P0981	United States of America	3	PRQ	80764,379	24-Apr-2009						Inactive	IDEAL Industries Lighting LLC	Shifting Spectral Content in Solid State Light Emitters by Spatially Separating Lumiphor Films
P0981	United States of America	1	ORD	11/824,811	19-Jan-2007	US20070170447	26-Jul-2007	8,284,138	11-Sep-2012	05-Sep-2028	Granted	IDEAL Industries Lighting LLC	Shifting Spectral Content in Solid State Light Emitters by Spatially Separating Lumiphor Films
P0981	Korea, Republic of		PCT	10-2008-7020293	19-Jan-2007			10-1408682	10-Jun-2014	19-Jan-2027	Granted	IDEAL Industries Lighting LLC	Shifting Spectral Content in Solid State Light Emitters by Spatially Separating Lumiphor Films
P0981	European Patent Convention		PCT	07118258.4	31-Jul-2008	EP202488A	17-Dec-2008				Abandoned	IDEAL Industries Lighting LLC	Shifting Spectral Content in Solid State Light Emitters by Spatially Separating Lumiphor Films
P0981	Patent Cooperation Treaty		ORD	PCT/US2007/001382	19-Jan-2007	WO2007/034840	21-Feb-2008				Inactive	IDEAL Industries Lighting LLC	Shifting Spectral Content in Solid State Light Emitters by Spatially Separating Lumiphor Films
P0982	Taiwan		ORD	96102801	25-Jan-2007	I425859	01-Feb-2014	I425859	01-Feb-2014	25-Jan-2027	Abandoned	IDEAL Industries Lighting LLC	Circuit for Lighting Device and Method of Lighting
P0982	European Patent Convention		PCT	07782830.0	31-Jul-2008	1977830A	08-Oct-2008				Abandoned	IDEAL Industries Lighting LLC	Circuit for Lighting Device and Method of Lighting
P0982	United States of America	2	PRQ	80809,959	01-Jun-2006						Inactive	IDEAL Industries Lighting LLC	Circuit for Lighting Device and Method of Lighting
P0982	Patent Cooperation Treaty		ORD	PCT/US2007/001834	24-Jan-2007	WO2007/037327	02-Aug-2007				Inactive	IDEAL Industries Lighting LLC	Circuit for Lighting Device and Method of Lighting
P0982	United States of America	0	PRQ	80761,879	25-Jan-2006						Inactive	IDEAL Industries Lighting LLC	Circuit for Lighting Device and Method of Lighting
P0982	United States of America	1	ORD	11/828,483	24-Jan-2007	US20070171145	26-Jul-2007	7,852,009	14-Dec-2010	16-Sep-2027	Granted	IDEAL Industries Lighting LLC	Lighting Device Circuit with Series Connected Solid State Light Emitters and Current Regulator
P0983	United States of America	1	ORD	11/738,781	18-Apr-2007	US20070278934	06-Dec-2007	8,513,875	20-Aug-2010	02-Feb-2031	Granted	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method
P0983	United States of America	0	PRQ	80752,859	18-Apr-2009						Inactive	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method

P0963	Japan		PCT	2009-505690	16-Apr-2007			5244000	12-Apr-2013	18-Apr-2027	Granted	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0963	Japan	2	OMP	2012-226649	28-Oct-2012	2013-030487	28-Mar-2013	5622024	03-Oct-2014	18-Apr-2027	Granted	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0963	India		PCT	8278/CHENP2008	18-Apr-2007						Abandoned	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0963	European Patent Convention		PCT	0755953.8	09-Nov-2008	EP2008018	31-Dec-2008			18-Apr-2027	Abandoned	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LI; LU; LV; MC; MT; NL; PL; PT; RO; SE; SI; SK; TR
P0963	China (People's Republic)	2	DIV	201110138818.9	25-May-2011	CN102305374A	04-Jan-2012	ZL201110138808.9	22-Apr-2015	18-Apr-2027	Granted	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0963	Brazil		PCT	0710463.4	17-Oct-2008					18-Apr-2027	Abandoned	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0963	China (People's Republic)		PCT	200780015338.2	18-Apr-2007	CN101554088A	07-Oct-2009	ZL200780015338.2	03-Aug-2011	18-Apr-2027	Granted	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0963	United States of America	0-2	PRQ	89793.524	20-Apr-2009						Inactive	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0963	United States of America	2	DDN	13859.855	10-Apr-2013	US2013-0235303	12-Sep-2013	9,417,478	16-Aug-2016	18-Apr-2027	Granted	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0963	Patent Cooperation Treaty		ORD	PCT/US2007/039498	18-Apr-2007	WO2007/123940	01-Nov-2007			18-Apr-2027	Inactive	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0963	Korea, Republic of	2	DIV	10-2013-702866	31-Jan-2013						Abandoned	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0963	Korea, Republic of		PCT	10-2008-702810.3	18-Apr-2007						Abandoned	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0963	Taiwan		ORD	98113820	18-Apr-2007	432877	01-Apr-2014	432877	01-Apr-2014	18-Apr-2027	Abandoned	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0964	India		PCT	8280/CHENP2008	18-Apr-2007						Abandoned	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0964	Korea, Republic of		PCT	10-2008-702810.6	18-Apr-2007			10-1419954	09-Jul-2014	18-Apr-2027	Granted	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0964	Japan	2	OMP	2012-183702	24-Jul-2012	2012-238878	06-Dec-2012				Abandoned	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0964	United States of America	0	PRQ	89792.880	18-Apr-2009						Inactive	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0964	United States of America	0-2	PRQ	89793.518	20-Apr-2009						Inactive	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0964	United States of America	1	ORD	11/738.799	18-Apr-2007	US20070297983	22-Nov-2007	7,828,460	09-Nov-2010	18-Apr-2027	Granted	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0964	United States of America	2	DDN	12883.331	29-Sep-2010	US-2011-0019399-A1	27-Jan-2011	8,123,376	28-Feb-2012	18-Apr-2028	Granted	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0964	United States of America	3	DDN	13-254.510	20-Jan-2012	US-2012-0176788-A1	12-Jul-2012	8,733,968	27-May-2014	18-Apr-2027	Granted	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0964	Taiwan		ORD	98113819	18-Apr-2007	446880	11-Nov-2014	446880	11-Nov-2014	18-Apr-2027	Granted	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0964	United States of America	4	DDN	14252.855	15-Apr-2014	US2014-0226328	14-Aug-2014	9,297,503	29-Mar-2016	23-Sep-2027	Granted	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0964	European Patent Convention		PCT	0755951.2	09-Nov-2008	2052589	26-Apr-2009			18-Apr-2027	Abandoned	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0964	United States of America	5	DDN	15061.219	25-Mar-2016	2016-0208969	21-Jul-2016	10,016,346	10-Jul-2018	18-Apr-2027	Granted	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0964	Japan	3	OMP	2014-172234	27-Aug-2014	2014-225477	04-Dec-2014				Abandoned	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0964	Patent Cooperation Treaty		ORD	PCT/US2007/039498	18-Apr-2007	WO 2007/123938	15-May-2008				Inactive	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0964	Brazil		PCT	0711255-8	18-Apr-2007					18-Apr-2027	Abandoned	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0964	China (People's Republic)		PCT	200780015887.2	18-Apr-2007	CN101438930A	26-May-2009	ZL200780015887.2	27-Mar-2013	18-Apr-2027	Granted	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0964	Japan		PCT	2009-505659	18-Apr-2007			5553383	03-Aug-2012	18-Apr-2027	Granted	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0965	European Patent Convention		PCT	0773824.1	09-Nov-2008	EP2008019A	31-Dec-2008				Abandoned	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0965	Japan		PCT	2009-505697	19-Apr-2007			5681384	16-Jan-2015	19-Apr-2027	Granted	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0965	United States of America	0	PRQ	89793.530	20-Apr-2009						Inactive	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0965	China (People's Republic)		PCT	200780013971.8	19-Apr-2007	CN101449399A	03-Jun-2009				Abandoned	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0965	Korea, Republic of		PCT	10-2008-7028284	19-Apr-2007			10-1517244	27-Apr-2015	19-Apr-2027	Granted	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0965	Taiwan		ORD	98113905	20-Apr-2007	413741	01-Nov-2013	413741	01-Nov-2013	20-Apr-2027	Granted	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0965	United States of America	1	ORD	11/737.321	19-Apr-2007	US20070278503	06-Dec-2007	7,987,745	16-Aug-2011	14-May-2030	Granted	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0965	Patent Cooperation Treaty		ORD	PCT/US2007/039498	19-Apr-2007	WO2007/124038	24-Apr-2008				Inactive	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0965	Brazil		PCT	0710461-8	17-Oct-2008						Abandoned	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0965	India		PCT	8280/CHENP2008	19-Apr-2007			287959	29-Sep-2017	19-Apr-2027	Abandoned	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0966	United States of America	0	PRQ	89844.305	13-Sep-2009						Inactive	IDEAL Industries Lighting LLC	Lighting Device	
P0966	United States of America	1	ORD	11/854.750	13-Sep-2007	US-2009-0021139	22-Jan-2009	10,379,277	13-Aug-2019	30-Sep-2030	Granted	IDEAL Industries Lighting LLC	Lighting Device	
P0966	European Patent Convention		PCT	07842402.5	09-Apr-2009	EP2086963A	10-Jun-2009	2086963	31-Jul-2013	13-Sep-2027	Granted	IDEAL Industries Lighting LLC	Lighting Device	AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LI; LU; LV; MC; MT; NL; PL; PT; RO; SE; SI; SK; TR
P0966	Patent Cooperation Treaty		ORD	PCT/US2007/078370	13-Sep-2007	WO2008/033968	19-Jun-2008				Inactive	IDEAL Industries Lighting LLC	Lighting Device	
P0966	Taiwan		ORD	98134235	13-Sep-2007	4894158	01-Nov-2017	4894158	01-Nov-2017	13-Sep-2027	Abandoned	IDEAL Industries Lighting LLC	Lighting Device	
P0966	Germany		EFP	07842402.5	13-Sep-2007	EP2086963A	10-Jun-2009	2086963	31-Jul-2013	13-Sep-2027	Abandoned	IDEAL Industries Lighting LLC	Lighting Device	
P0967	India		PCT	2596/CHENP2010	09-Oct-2008						Abandoned	IDEAL Industries Lighting LLC	Lighting Device and Method of Making	
P0967	Korea, Republic of		PCT	10-2010-7010140	07-May-2010			10-1722085	27-Mar-2017	06-Oct-2028	Granted	IDEAL Industries Lighting LLC	Lighting Device and Method of Making	

P0367	Japan		PCT	201052920	10-Apr-2010					Abandoned	IDEAL Industries Lighting LLC	Lighting Device and Method of Making		
P0367	Brazil		PCT	P10810040.2	09-Oct-2008			P10810040.2	21-Nov-2010	21-Nov-2008	Abandoned	IDEAL Industries Lighting LLC	Lighting Device and Method of Making	
P0367	China (People's Republic)		PCT	20080011843.1	10-Apr-2010	CN101621544A	01-Sep-2010	ZL20080011843.1	28-Nov-2012	06-Oct-2008	Granted	IDEAL Industries Lighting LLC	Lighting Device and Method of Making	
P0367	Taiwan		ORD	97138860	09-Oct-2008	I481068	11-Apr-2015	I481068	11-Apr-2015	09-Oct-2008	Abandoned	IDEAL Industries Lighting LLC	Lighting Device and Methods of Making	
P0367	Patent Cooperation Treaty		ORD	PCT/US2009/079299	09-Oct-2008	WO2010/043019	16-Apr-2009				Inactive	IDEAL Industries Lighting LLC	Lighting Device and Method of Making	
P0367	United States of America	0	PRD	80978,000	10-Oct-2007						Inactive	IDEAL Industries Lighting LLC	Lighting Device and Method of Making	
P0367	United States of America	2	PRD	81927,385	18-Mar-2008						Inactive	IDEAL Industries Lighting LLC	Lighting Device and Method of Making	
P0367	United States of America	1	ORD	12048,220	09-Oct-2008	US2009-0104916-A1	23-Jul-2009	8,016,135	13-Sep-2011	25-Jun-2009	Granted	IDEAL Industries Lighting LLC	Lighting Device and Method of Making	
P0367	European Patent Convention		PCT	08037037.4	09-Oct-2008	EP2210036A	28-Jul-2010	2210036	23-Nov-2010	09-Oct-2008	Granted	IDEAL Industries Lighting LLC	Lighting Device and Method of Making	AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LT; LU; LV; MC; MT; NL; NO; PL; PT; RO; SE; SI; SK; TR
P0367	Germany		EPP	08037037.4	09-Oct-2008	EP2210036A	28-Jul-2010	2210036	23-Nov-2010	09-Oct-2008	Granted	IDEAL Industries Lighting LLC	Lighting Device and Method of Making	
P0368	European Community	2	DES	000815006-0002	25-Oct-2007			000815006-0002	25-Oct-2007	25-Oct-2007	Granted	IDEAL Industries Lighting LLC	Lighting Device	
P0368	European Community	4	DES	000815006-0004	25-Oct-2007			000815006-0004	25-Oct-2007	25-Oct-2007	Granted	IDEAL Industries Lighting LLC	Lighting Device	
P0368	United States of America	1	PDS	29279,351	27-Apr-2007			12573,294	15-Jul-2008	15-Jul-2002	Granted	IDEAL Industries Lighting LLC	Lighting Device	
P0368	Canada		DES	122808	23-Oct-2007			122808	21-Dec-2009	21-Dec-2009	Expired	IDEAL Industries Lighting LLC	Lighting Device	
P0368	China (People's Republic)		DES	200730394032.2	28-Oct-2007			ZL200730394032.2	19-Nov-2008	26-Oct-2007	Expired	IDEAL Industries Lighting LLC	Lighting Device	
P0368	European Community	1	DES	000815006-0001	25-Oct-2007			000815006-0001	25-Oct-2007	25-Oct-2007	Granted	IDEAL Industries Lighting LLC	Lighting Device	
P0368	European Community	10	DES	000815006-00010	25-Oct-2007			000815006-00010	25-Oct-2007	25-Oct-2007	Granted	IDEAL Industries Lighting LLC	Lighting Device	
P0368	European Community	12	DES	000815006-00012	25-Oct-2007			000815006-00012	25-Oct-2007	25-Oct-2007	Granted	IDEAL Industries Lighting LLC	Lighting Device	
P0368	Korea, Republic of		DES	30-2007-44810	28-Oct-2007			30-501126	31-Jul-2008	21-Jul-2003	Granted	IDEAL Industries Lighting LLC	Lighting Device	
P0368	European Community	11	DES	000815006-00011	25-Oct-2007			000815006-00011	25-Oct-2007	25-Oct-2007	Granted	IDEAL Industries Lighting LLC	Lighting Device	
P0368	Japan		DES	2007029504	28-Oct-2007			1349488	19-Dec-2008	19-Dec-2008	Granted	IDEAL Industries Lighting LLC	Lighting Device	
P0368	European Community	3	DES	000815006-0003	25-Oct-2007			000815006-0003	25-Oct-2007	25-Oct-2007	Granted	IDEAL Industries Lighting LLC	Lighting Device	
P0368	India		DES	213071	28-Oct-2007			213071	21-Oct-2009	27-Apr-2002	Granted	IDEAL Industries Lighting LLC	Lighting Device	
P0368	European Community	9	DES	000815006-00009	25-Oct-2007			000815006-00009	25-Oct-2007	25-Oct-2007	Granted	IDEAL Industries Lighting LLC	Lighting Device	
P0368	European Community	8	DES	000815006-00008	25-Oct-2007			000815006-00008	25-Oct-2007	25-Oct-2007	Granted	IDEAL Industries Lighting LLC	Lighting Device	
P0368	European Community	7	DES	000815006-00007	25-Oct-2007			000815006-00007	25-Oct-2007	25-Oct-2007	Granted	IDEAL Industries Lighting LLC	Lighting Device	
P0368	European Community	6	DES	000815006-00006	25-Oct-2007			000815006-00006	25-Oct-2007	25-Oct-2007	Granted	IDEAL Industries Lighting LLC	Lighting Device	
P0368	European Community	5	DES	000815006-00005	25-Oct-2007			000815006-00005	25-Oct-2007	25-Oct-2007	Granted	IDEAL Industries Lighting LLC	Lighting Device	
P0368	United Kingdom	1	RPD	900815006-0001	25-Oct-2007			900815006-0001	25-Oct-2007	25-Oct-2007	Granted	IDEAL Industries Lighting LLC	Lighting Device	
P0368	United Kingdom	2	DES	900815006-0002	25-Oct-2007			900815006-0002	25-Oct-2007	25-Oct-2007	Granted	IDEAL Industries Lighting LLC	Lighting Device	
P0368	United Kingdom	3	RPD	900815006-0003	25-Oct-2007			900815006-0003	25-Oct-2007	25-Oct-2007	Granted	IDEAL Industries Lighting LLC	Lighting Device	
P0368	United Kingdom	4	RPD	900815006-0004	25-Oct-2007			900815006-0004	25-Oct-2007	25-Oct-2007	Granted	IDEAL Industries Lighting LLC	Lighting Device	
P0368	United Kingdom	5	RPD	900815006-0005	25-Oct-2007			900815006-0005	25-Oct-2007	25-Oct-2007	Granted	IDEAL Industries Lighting LLC	Lighting Device	
P0368	United Kingdom	6	RPD	900815006-0006	25-Oct-2007			900815006-0006	25-Oct-2007	25-Oct-2007	Granted	IDEAL Industries Lighting LLC	Lighting Device	
P0368	United Kingdom	7	RPD	900815006-0007	25-Oct-2007			900815006-0007	25-Oct-2007	25-Oct-2007	Granted	IDEAL Industries Lighting LLC	Lighting Device	
P0368	United Kingdom	8	RPD	900815006-0008	25-Oct-2007			900815006-0008	25-Oct-2007	25-Oct-2007	Granted	IDEAL Industries Lighting LLC	Lighting Device	
P0368	United Kingdom	9	RPD	900815006-0009	25-Oct-2007			900815006-0009	25-Oct-2007	25-Oct-2007	Granted	IDEAL Industries Lighting LLC	Lighting Device	
P0368	United Kingdom	10	RPD	900815006-00010	25-Oct-2007			900815006-00010	25-Oct-2007	25-Oct-2007	Granted	IDEAL Industries Lighting LLC	Lighting Device	
P0368	United Kingdom	11	RPD	900815006-00011	25-Oct-2007			900815006-00011	25-Oct-2007	25-Oct-2007	Granted	IDEAL Industries Lighting LLC	Lighting Device	
P0368	United Kingdom	12	RPD	900815006-00012	25-Oct-2007			900815006-00012	25-Oct-2007	25-Oct-2007	Granted	IDEAL Industries Lighting LLC	Lighting Device	
P0369	United States of America	1	DES	29279,352	27-Apr-2007			0571,038	10-Jun-2008	10-Jun-2002	Granted	IDEAL Industries Lighting LLC	Lighting Device	
P0369	Japan		DES	2007029505	28-Oct-2007			1423345	19-Aug-2011	19-Aug-2003	Abandoned	IDEAL Industries Lighting LLC	Lighting Device	
P0369	China (People's Republic)		DES	200730348467.6	29-Oct-2007			ZL200730348467.6	15-Apr-2009	29-Oct-2007	Expired	IDEAL Industries Lighting LLC	Lighting Device	
P0369	Canada		DES	122780	23-Oct-2007			122780	21-Dec-2009	21-Dec-2009	Expired	IDEAL Industries Lighting LLC	Lighting Device	
P0369	India		DES	213072	28-Oct-2007			213072	03-Jul-2009	27-Apr-2002	Granted	IDEAL Industries Lighting LLC	Lighting Device	
P0369	Korea, Republic of		DES	30-2007-44811	28-Oct-2007			30-506009	10-Sep-2008	10-Sep-2003	Granted	IDEAL Industries Lighting LLC	Lighting Device	
P0370	Japan		DES	2007029506	28-Oct-2007			1,350,526	09-Jan-2008	09-Jan-2008	Granted	IDEAL Industries Lighting LLC	Lighting Device	
P0370	India		DES	213073	28-Oct-2007			213073	08-Jul-2008	27-Apr-2002	Granted	IDEAL Industries Lighting LLC	Lighting Device	

P0370	Canada		DES	122781	23-Oct-2007			122781	21-Dec-2009	21-Dec-2019	Expired	IDEAL Industries Lighting LLC	Lighting Device	
P0370	Korea, Republic of		DES	30-2007-44812	28-Oct-2007			30-501127	31-Jul-2008	31-Jul-2023	Granted	IDEAL Industries Lighting LLC	Lighting Device	
P0370	China (People's Republic)		DES	2007/30330189.4	28-Oct-2007			ZL200730330189.4	09-Jun-2010	28-Oct-2017	Expired	IDEAL Industries Lighting LLC	Lighting Device	
P0370	United States of America	1	DES	29279.354	27-Apr-2007			0571,497	17-Jun-2008	17-Jun-2022	Granted	IDEAL Industries Lighting LLC	Lighting Device	
P0371	United States of America	1	DES	29279.355	27-Apr-2007			0589,942	17-Feb-2009	17-Feb-2023	Granted	IDEAL Industries Lighting LLC	Lighting Device	
P0371	Canada		DES	122782	23-Oct-2007			122782	21-Dec-2009	21-Dec-2019	Expired	IDEAL Industries Lighting LLC	Lighting Device	
P0371	Korea, Republic of		DES	30-2007-44813	28-Oct-2007			30-509180	13-Oct-2008	13-Oct-2023	Granted	IDEAL Industries Lighting LLC	Lighting Device	
P0371	Japan		DES	2007-029507	28-Oct-2007			1359180	10-Apr-2009	10-Apr-2029	Abandoned	IDEAL Industries Lighting LLC	Lighting Device	
P0371	India		DES	213074	28-Oct-2007			213074	07-Jul-2008	27-Apr-2022	Granted	IDEAL Industries Lighting LLC	Lighting Device	
P0371	China (People's Republic)		DES	2007/30348483.5	31-Oct-2007			200730348483.5	30-Dec-2009	28-Oct-2017	Expired	IDEAL Industries Lighting LLC	Lighting Device	
P0372	India		DES	213070	28-Oct-2007			213070	20-Aug-2008	27-Apr-2022	Granted	IDEAL Industries Lighting LLC	Lighting Device	
P0372	Japan		DES	2007-029508	28-Oct-2007			1359181	10-Apr-2009	10-Apr-2029	Abandoned	IDEAL Industries Lighting LLC	Lighting Device	
P0372	Canada		DES	122783	23-Oct-2007			122783	21-Dec-2009	21-Dec-2019	Expired	IDEAL Industries Lighting LLC	Lighting Device	
P0372	China (People's Republic)		DES	2007/30330187.5	28-Oct-2007			ZL200730330187.5	15-Apr-2009	28-Oct-2017	Expired	IDEAL Industries Lighting LLC	Lighting Device	
P0372	United States of America	1	DES	29279.357	27-Apr-2007			0587,394	24-Feb-2009	24-Feb-2023	Granted	IDEAL Industries Lighting LLC	Lighting Device	
P0372	Korea, Republic of		DES	30-2007-44814	28-Oct-2007			30-502883	14-Aug-2008	14-Aug-2023	Granted	IDEAL Industries Lighting LLC	Lighting Device	
P0373	India		DES	213075	28-Oct-2007			213075	14-Aug-2008	03-May-2022	Granted	IDEAL Industries Lighting LLC	Lighting Device	
P0373	Canada		DES	122802	01-Nov-2007			122802	21-Dec-2009	21-Dec-2019	Expired	IDEAL Industries Lighting LLC	Lighting Device	
P0373	China (People's Republic)		DES	2007/30348829.8	31-Oct-2007			ZL200730348829.8	17-Jun-2009	31-Oct-2017	Expired	IDEAL Industries Lighting LLC	Lighting Device	
P0373	Japan		DES	2007-30571	05-Nov-2007			1373552	09-Oct-2009	06-Oct-2028	Granted	IDEAL Industries Lighting LLC	Lighting Device	
P0373	Korea, Republic of		DES	30-2007-45948	05-Nov-2007			30-501279	01-Aug-2008	01-Aug-2023	Granted	IDEAL Industries Lighting LLC	Lighting Device	
P0373	United States of America	1	DES	29279.583	03-May-2007						Abandoned	IDEAL Industries Lighting LLC	Lighting Device	
P0373	United States of America	2	DCN	29-324,484	12-Sep-2008			0592,347	12-May-2008	12-May-2023	Granted	IDEAL Industries Lighting LLC	Lighting Device	
P0374	China (People's Republic)		DES	2007/30348828.1	31-Oct-2007			ZL200730348828.1	07-Jan-2009	31-Oct-2017	Expired	IDEAL Industries Lighting LLC	Lighting Device	
P0374	India		DES	213078	28-Oct-2007			213078	04-Sep-2008	03-May-2022	Granted	IDEAL Industries Lighting LLC	Lighting Device	
P0374	Japan		DES	2007-30572	05-Nov-2007			1373556	09-Oct-2009	09-Oct-2028	Granted	IDEAL Industries Lighting LLC	Lighting Device	
P0374	Korea, Republic of		DES	30-2007-45949	05-Nov-2007			30-501278	01-Aug-2008	01-Aug-2023	Granted	IDEAL Industries Lighting LLC	Lighting Device	
P0374	United States of America	1	DES	29279.588	03-May-2007						Abandoned	IDEAL Industries Lighting LLC	Lighting Device	
P0374	United States of America	2	DES	29-324,489	12-Sep-2008			0691,741	08-Oct-2009	12-May-2023	Granted	IDEAL Industries Lighting LLC	Lighting Device	
P0374	Canada		DES	122800	01-Nov-2007			122800	21-Dec-2009	21-Dec-2019	Expired	IDEAL Industries Lighting LLC	Lighting Device	
P0375	Canada		DES	122803	01-Nov-2007			122803	21-Dec-2009	21-Dec-2019	Expired	IDEAL Industries Lighting LLC	Lighting Device	
P0375	China (People's Republic)		DES	2007/3030188.X	28-Oct-2007			ZL20073030188.X	10-Jun-2009	28-Oct-2017	Expired	IDEAL Industries Lighting LLC	Lighting Device	
P0375	Japan		DES	2007-30432	02-Nov-2007			1359182	10-Apr-2009	10-Apr-2029	Abandoned	IDEAL Industries Lighting LLC	Lighting Device	
P0375	India		DES	213077	28-Oct-2007						Abandoned	IDEAL Industries Lighting LLC	Lighting Device	
P0375	Korea, Republic of		DES	30-2007-45950	05-Nov-2007			30-501128	31-Jul-2008	31-Jul-2023	Granted	IDEAL Industries Lighting LLC	Lighting Device	
P0375	United States of America	1	DES	29279.589	03-May-2007	2010/002712	22-Jan-2009	0571,844	24-Jun-2008	24-Jun-2022	Granted	IDEAL Industries Lighting LLC	Lighting Device	
P0376	Canada		DES	122801	01-Nov-2007			122801	21-Dec-2009	21-Dec-2019	Expired	IDEAL Industries Lighting LLC	Lighting Device	
P0376	China (People's Republic)		DES	2007/30348827.7	31-Oct-2007			ZL200730348827.7	11-Nov-2009	31-Oct-2017	Expired	IDEAL Industries Lighting LLC	Lighting Device	
P0376	India		DES	213078	28-Oct-2007			213078	27-Dec-2011	03-May-2022	Granted	IDEAL Industries Lighting LLC	Lighting Device	
P0376	Japan		DES	2007-30433	02-Nov-2007						Abandoned	IDEAL Industries Lighting LLC	Lighting Device	
P0376	Korea, Republic of		DES	30-2007-45951	05-Nov-2007			30-502884	14-Aug-2008	14-Aug-2023	Granted	IDEAL Industries Lighting LLC	Lighting Device	
P0376	United States of America	1	DES	29279.591	03-May-2007			0599,851	08-Sep-2008	08-Sep-2023	Granted	IDEAL Industries Lighting LLC	Lighting Device	
P0377	China (People's Republic)		PCT	20080014967.8	08-Nov-2009	CN101711326A	19-May-2010	ZL20080014967.8	05-Dec-2012	08-May-2028	Granted	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0377	Japan		PCT	2010-507040	28-Aug-2009	2010-527156	05-Aug-2010				Abandoned	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0377	European Patent Convention		PCT	08747845.9	26-Aug-2009	EP2153112A	17-Feb-2010	2153112	04-May-2016	08-May-2028	Granted	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; U; LT; LU; LV; MC; MT; NL; NO; PL; PT; RO; SE; SI; SK; TR
P0377	Korea, Republic of		PCT	10-2009-7025479	26-Aug-2009						Abandoned	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0377	United States of America	0	PRD	80918,608	08-May-2007						Inactive	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0377	United States of America	1	ORD	12117,148	08-May-2008	US-2008-0304281-A1	11-Dec-2008	7,901,107	08-Mar-2011	15-Jan-2029	Granted	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	

P0377	Patent Cooperation Treaty		ORD	PCT/US03/03327	08-May-2008	WO2008/137977	13-Nov-2008				Inactive	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0377	Germany		EPP	0817485.9	08-May-2008	EP2153112A	17-Feb-2010	2153112	04-May-2010	09-May-2028	Granted	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0377	Taiwan		ORD	97117109	08-May-2008						Abandoned	IDEAL Industries Lighting LLC	Lighting Device and Lighting Method	
P0378	European Patent Convention		PCT	08269420.5	17-Feb-2010	2171502	07-Apr-2010	2171502	14-Sep-2010	16-Jul-2028	Granted	IDEAL Industries Lighting LLC	Optical Elements with Internal Optical Features and Methods of Fabricating Same	AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; U; LT; LU; LV; MC; MT; NL; NO; PL; PT; RO; SE; SI; SK; TR
P0378	Taiwan		ORD	97127122	17-Jul-2008	1463096	01-Dec-2014	1463096	01-Dec-2014	17-Jul-2028	Granted	IDEAL Industries Lighting LLC	Optical Elements with Internal Optical Features and Methods of Fabricating Same	
P0378	Patent Cooperation Treaty		ORD	PCT/US2009/07132	16-Jul-2008	WO2009/012807	23-Jan-2009				Inactive	IDEAL Industries Lighting LLC	Optical Elements with Internal Optical Features and Methods of Fabricating Same	
P0378	United States of America	1	ORD	121741053	16-Jul-2008	US-2009-0021841	22-Jan-2009	8,123,384	28-Feb-2012	23-Jul-2020	Granted	IDEAL Industries Lighting LLC	Optical Elements with Internal Optical Features and Methods of Fabricating Same	
P0378	China (People's Republic)		PCT	20080024897.4	17-Jan-2010	CN101743488A	16-Jun-2010	ZL20080024897.4	28-Feb-2014	16-Jul-2028	Granted	IDEAL Industries Lighting LLC	Optical Elements with Internal Optical Features and Methods of Fabricating Same	
P0378	Japan		PCT	2010517128	16-Jul-2008			5431320	13-Dec-2010	18-Jul-2028	Granted	IDEAL Industries Lighting LLC	Optical Elements with Internal Optical Features and Methods of Fabricating Same	
P0378	United States of America	0-2	PRQ	81/023,873	20-Jan-2008						Inactive	IDEAL Industries Lighting LLC	Optical Elements with Internal Optical Features and Method of Fabricating Same	
P0378	United States of America	2	DIV	13/251,564	02-Feb-2012	US-2012-011471-A1	10-May-2012			17-Jul-2027	Abandoned	IDEAL Industries Lighting LLC	Optical Elements with Internal Optical Features and Methods of Fabricating Same	
P0378	United States of America	0	PRQ	89/850,193	17-Jul-2007						Inactive	IDEAL Industries Lighting LLC	Optical Elements with Internal Optical Features and Methods of Fabricating Same	
P0378	Germany		EPP	0829420.5	16-Jul-2008	2171502	07-Apr-2010	2171502	14-Sep-2010	16-Jul-2028	Granted	IDEAL Industries Lighting LLC	Optical Elements with Internal Optical Features and Methods of Fabricating Same	
P0379	European Patent Convention	2	DIV	12160004.3	08-May-2008	EP 2489153 A	27-Jun-2012	2489153	28-Nov-2018	08-May-2028	Granted	IDEAL Industries Lighting LLC	Lighting Devices and Methods for Lighting	AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; U; LT; LU; LV; MC; MT; NL; NO; PL; PT; RO; SE; SI; SK; TR
P0379	Germany	2	EDV	12160004.3	08-May-2008	EP 2489153 A	27-Jun-2012	2489153	28-Nov-2018	08-May-2028	Granted	IDEAL Industries Lighting LLC	Lighting Devices and Methods for Lighting	
P0379	Taiwan		ORD	97117111	08-May-2008	158742	11-Jun-2017	158742	11-Jun-2017	08-May-2028	Abandoned	IDEAL Industries Lighting LLC	Devices and Methods For Power Conversion For Light Emitting Devices Which Include Solid State Light	
P0379	Germany	3	EDV	12160003.5	08-May-2008	EP 2489152 A	27-Jun-2012	2489152	28-Nov-2018	08-May-2028	Granted	IDEAL Industries Lighting LLC	Lighting Devices and Methods for Lighting	
P0379	Germany	4	EDV	12160002.7	08-May-2008	EP 2489151 A	27-Jun-2012	2489151	29-Aug-2010	08-May-2028	Granted	IDEAL Industries Lighting LLC	Lighting Devices and Methods for Lighting	
P0379	European Patent Convention		PCT	08755188.9	08-May-2008	EP 2165113A	24-Mar-2010	2165113	22-Jun-2018	08-May-2028	Granted	IDEAL Industries Lighting LLC	Lighting Devices and Methods for Lighting	AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; U; LT; LU; LV; MC; MT; NL; NO; PL; PT; RO; SE; SI; SK; TR
P0379	China (People's Republic)		PCT	20080015170.X	08-May-2008	CN10168084A	24-Mar-2010	ZL20080015170.X	08-May-2013	08-May-2028	Granted	IDEAL Industries Lighting LLC	Lighting Devices and Methods for Lighting	
P0379	European Patent Convention	4	DIV	12160002.7	08-May-2008	EP 2489151 A	27-Jun-2012	2489151	29-Aug-2010	08-May-2028	Granted	IDEAL Industries Lighting LLC	Lighting Devices and Methods for Lighting	AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; U; LT; LU; LV; MC; MT; NL; NO; PL; PT; RO; SE; SI; SK; TR
P0379	United States of America	0	PRQ	89/943,910	14-Jun-2007						Inactive	IDEAL Industries Lighting LLC	Devices and Methods For Power Conversion For Light Emitting Devices Which Include Solid State Light	
P0379	United States of America	1	ORD	12117,280	08-May-2008	US-2008-0309255 A1	18-Dec-2008	8,174,205	08-May-2012	21-Sep-2030	Granted	IDEAL Industries Lighting LLC	Devices and Methods For Power Conversion For Light Emitting Devices Which Include Solid State Light	
P0379	United States of America	2	ODN	13/433,888	29-Mar-2012	US2012/0187848A1	26-Jul-2012	8,441,208	14-May-2013	08-May-2028	Granted	IDEAL Industries Lighting LLC	Devices and Methods For Power Conversion For Light Emitting Devices Which Include Solid State Light	
P0379	United States of America	3	ODN	13/668,205	08-Apr-2013	2013-0234601	12-Sep-2013	8,981,877	17-Mar-2015	08-May-2028	Granted	IDEAL Industries Lighting LLC	Devices and Methods For Power Conversion For Light Emitting Devices Which Include Solid State Light	
P0379	European Patent Convention	3	DIV	12160003.5	08-May-2008	EP 2489152 A	27-Jun-2012	2489152	28-Nov-2018	08-May-2028	Granted	IDEAL Industries Lighting LLC	Lighting Devices and Methods for Lighting	AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; U; LT; LU; LV; MC; MT; NL; NO; PL; PT; RO; SE; SI; SK; TR
P0379	Germany		EPP	08755188.9	08-May-2008	EP 2165113A	24-Mar-2010	2165113	22-Jun-2018	08-May-2028	Granted	IDEAL Industries Lighting LLC	Lighting Devices and Methods for Lighting	
P0379	Patent Cooperation Treaty		ORD	PCT/US2009/063045	08-May-2008	WO2009/137984	13-Nov-2008				Inactive	IDEAL Industries Lighting LLC	Devices and Methods For Power Conversion For Light Emitting Devices Which Include Solid State Light	
P0380	United States of America	1	DES	29/284,284	05-Sep-2007			0598,330	14-Jul-2009	14-Jul-2023	Granted	IDEAL Industries Lighting LLC	Lighting Device	
P0380	United States of America	0	PRQ	89/980,439	27-Nov-2007						Inactive	IDEAL Industries Lighting LLC	High Efficiency Lamp	
P0380	United States of America	1	ORD	12/277,745	25-Nov-2008	US2009/081258	25-Jun-2009	8,403,531	28-Mar-2013	27-Jul-2021	Granted	IDEAL Industries Lighting LLC	Lighting Device and Method of Lighting	
P0380	United States of America	0	PRQ	89/980,435	27-Nov-2007						Inactive	IDEAL Industries Lighting LLC	Warm White Illumination With High CRI and High Efficacy	
P0385	Japan		PCT	2010538072	28-May-2010			5399406	01-Nov-2013	21-Nov-2028	Granted	IDEAL Industries Lighting LLC	Solid State Lighting Devices and Methods of Manufacturing the Same	
P0385	United States of America	0-2	PRQ	81/041,404	01-Apr-2008						Inactive	IDEAL Industries Lighting LLC	Solid State Lighting Devices and Methods of Manufacturing the Same	
P0385	United States of America	0	PRQ	89/980,724	28-Nov-2007						Inactive	IDEAL Industries Lighting LLC	Solid State Lighting Devices and Methods of Manufacturing the Same	
P0385	Korea, Republic of		PCT	10-2010-7014084	25-Jun-2010						Abandoned	IDEAL Industries Lighting LLC	Solid State Lighting Devices and Methods of Manufacturing the Same	
P0385	China (People's Republic)		PCT	20080018772.8	21-Nov-2008	CN101888475A	17-Nov-2010	ZL20080018772.8	07-Aug-2013	21-Nov-2028	Granted	IDEAL Industries Lighting LLC	Solid State Lighting Devices and Methods of Manufacturing the Same	
P0385	United States of America	1	ORD	12/257,884	24-Oct-2008	US-2009-0160393	25-Jun-2009	8,886,410	21-Oct-2014	17-Apr-2030	Granted	IDEAL Industries Lighting LLC	Solid State Lighting Devices and Methods of Manufacturing the Same	
P0385	European Patent Convention		PCT	08257884.2	28-Jun-2010	EP2225914A	08-Sep-2010			21-Nov-2028	Abandoned	IDEAL Industries Lighting LLC	Solid State Lighting Devices and Methods of Manufacturing the Same	AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; U; LT; LU; LV; MC; MT; NL; NO; PL; PT; RO; SE; SI; SK; TR
P0385	United States of America	2	DIV	14/474,854	02-Sep-2014	2014-0388117	18-Dec-2014	9,491,828	08-Nov-2016	28-Nov-2028	Granted	IDEAL Industries Lighting LLC	Solid State Lighting Devices and Methods of Manufacturing the Same	
P0385	Patent Cooperation Treaty		ORD	PCT/US08/094284	21-Nov-2008	WO2009/0733394	11-Jun-2009				Inactive	IDEAL Industries Lighting LLC	Solid State Lighting Devices and Methods of Manufacturing the Same	
P0388	European Community		DES	00348344	02-Jun-2008			00948344-0001	02-Jun-2008	02-Jun-2033	Granted	IDEAL Industries Lighting LLC	Lighting Device	
P0388	China (People's Republic)		DES	200830129072.1	02-Jun-2008			ZL200830129072.1	29-Jul-2009	02-Jun-2018	Expired	IDEAL Industries Lighting LLC	Lighting Device	
P0388	India		DES	216529	03-Dec-2007			216529	18-Dec-2008	03-Dec-2022	Granted	IDEAL Industries Lighting LLC	Lighting Device	
P0388	Korea, Republic of		DES	30-2008-23370	03-Jun-2008			30529241	31-Mar-2009	31-Mar-2024	Abandoned	IDEAL Industries Lighting LLC	Lighting Device	
P0388	United States of America	2	DES	29/324,468	12-Sep-2008			0562,348	12-May-2009	12-May-2023	Granted	IDEAL Industries Lighting LLC	Lighting Device	
P0388	Japan		DES	2008-013900	02-Jun-2008			1415086	28-Apr-2011	28-Apr-2031	Abandoned	IDEAL Industries Lighting LLC	Lighting Device	
P0388	United States of America	1	DES	29/284,289	05-Dec-2007						Abandoned	IDEAL Industries Lighting LLC	Lighting Device	

P0366	United Kingdom		RPD	800946344.001	02-Jun-2008			800946344.001	02-Jun-2008	02-Jun-2003	Granted	IDEAL Industries Lighting LLC	Lighting Device	
P0367	United States of America	1	ORD	12/302,144	04-Dec-2008	US 2009/0184889 A1	20-Jul-2009	8,040,070	18-Oct-2011	09-Feb-2010	Granted	IDEAL Industries Lighting LLC	Frequency Converted Dimming Signal Generation	
P0367	United Kingdom		EPP	09/04232.9	20-Jan-2009	EP2238800A	13-Oct-2010	2238800	10-Apr-2013	20-Jan-2009	Granted	IDEAL Industries Lighting LLC	Frequency Converted Dimming Signal Generation	
P0367	China (People's Republic)		PCT	20080103155.5	21-Jul-2010	CN101926221A	22-Dec-2010				Abandoned	IDEAL Industries Lighting LLC	Frequency Converted Dimming Signal Generation	
P0367	Austria		EPP	09/04232.9	20-Jan-2009	EP2238800A	13-Oct-2010	2238800	10-Apr-2013	20-Jan-2009	Granted	IDEAL Industries Lighting LLC	Frequency Converted Dimming Signal Generation	
P0367	Germany		EPP	09/04232.9	20-Jan-2009	EP2238800A	13-Oct-2010	2238800	10-Apr-2013	20-Jan-2009	Granted	IDEAL Industries Lighting LLC	Frequency Converted Dimming Signal Generation	
P0367	European Patent Convention		PCT	09/04232.9	10-Aug-2010	EP2238800A	13-Oct-2010	2238800	10-Apr-2013	20-Jan-2009	Granted	IDEAL Industries Lighting LLC	Frequency Converted Dimming Signal Generation	AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; U; LT; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; SE; SK; SI; TR
P0367	Korea, Republic of		PCT	10-2010-7018899	23-Aug-2010						Abandoned	IDEAL Industries Lighting LLC	Frequency Converted Dimming Signal Generation	
P0367	Japan		PCT	2010-544383	22-Jul-2010	2011-510474	31-Mar-2011	5678276	09-Jan-2015	20-Jan-2009	Granted	IDEAL Industries Lighting LLC	Frequency Converted Dimming Signal Generation	
P0367	United States of America	0-2	PRD	81/039,908	27-Mar-2008						Inactive	IDEAL Industries Lighting LLC	Frequency Converted Dimming Signal Generation	
P0367	Patent Cooperation Treaty		ORD	PCT/US2009/01425	20-Jan-2009	WO2009/094328	30-Jul-2009				Inactive	IDEAL Industries Lighting LLC	Frequency Converted Dimming Signal Generation	
P0367	Netherlands		EPP	09/04232.9	20-Jan-2009	EP2238800A	13-Oct-2010	2238800	10-Apr-2013	20-Jan-2009	Granted	IDEAL Industries Lighting LLC	Frequency Converted Dimming Signal Generation	
P0367	United States of America	2	ODN	13/183,011	14-Jul-2011	US-2011-0273095-A1	16-Nov-2011	8,421,372	16-Apr-2013	04-Dec-2008	Granted	IDEAL Industries Lighting LLC	Frequency Converted Dimming Signal Generation	
P0367	United States of America	0	PRD	81/032,889	23-Jan-2008						Inactive	IDEAL Industries Lighting LLC	Frequency Converted Dimming Signal Generation	
P0368	European Patent Convention		PCT	08/747,451	07-Dec-2009	EP2153119A	17-Feb-2010	2153119	23-Dec-2015	07-May-2008	Granted	IDEAL Industries Lighting LLC	Light Fixtures and Lighting Devices	AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; U; LT; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; SE; SK; SI; TR
P0368	United States of America	0	PRD	81/039,968	15-Feb-2008						Inactive	IDEAL Industries Lighting LLC	Light Fixtures and Lighting Devices	
P0368	United States of America	1	ORD	12/118,346	07-May-2008	US2008/027850 A1	13-Nov-2008	8,136,965	20-Mar-2012	16-Jul-2009	Granted	IDEAL Industries Lighting LLC	Light Fixtures and Lighting Devices	
P0368	Korea, Republic of		PCT	10-2009-7025204	07-Dec-2009			10-1540488	22-Jul-2015	07-May-2008	Abandoned	IDEAL Industries Lighting LLC	Light Fixtures and Lighting Devices	
P0368	China (People's Republic)	2	DIV	20101030200.0	28-Aug-2010	CN10347101A	25-Dec-2010				Abandoned	IDEAL Industries Lighting LLC	Light Fixtures and Lighting Devices	
P0368	Germany		EPP	08/747,451	07-May-2008	EP2153119A	17-Feb-2010	2153119	23-Dec-2015	07-May-2008	Granted	IDEAL Industries Lighting LLC	Light Fixtures and Lighting Devices	
P0368	Taiwan		ORD	87116763	07-May-2008	426204	11-Feb-2014	426204	11-Feb-2014	07-May-2008	Abandoned	IDEAL Industries Lighting LLC	Light Fixtures and Lighting Devices	
P0368	United States of America	0-2	PRD	81/037,389	18-Mar-2008						Inactive	IDEAL Industries Lighting LLC	Light Fixtures and Lighting Devices	
P0368	China (People's Republic)		PCT	20080015172.9	07-May-2008	CN10179080A	28-Jul-2010	ZL20080015172.9	09-Oct-2013	07-May-2008	Granted	IDEAL Industries Lighting LLC	Light Fixtures and Lighting Devices	
P0368	United States of America	2	ODN	13/365,618	03-Feb-2012	US2012/0257384A1	11-Oct-2012	8,789,975	26-Jul-2014	07-May-2008	Granted	IDEAL Industries Lighting LLC	Light Fixtures and Lighting Devices	
P0368	Patent Cooperation Treaty		ORD	PCT/US98/02825	07-May-2008	WO2000/437905	13-Nov-2008				Inactive	IDEAL Industries Lighting LLC	Light Fixtures and Lighting Devices	
P0368	Japan		PCT	2010-507605	07-Nov-2009	2010-527116	05-Aug-2010	5371990	27-Sep-2013	07-May-2008	Abandoned	IDEAL Industries Lighting LLC	Light Fixtures and Lighting Devices	
P0369	United States of America	0	PRD	81/127,563	16-May-2008						Inactive	IDEAL Industries Lighting LLC	Conversion Kit for Lighting Assemblies	
P0369	United States of America	1	ORD	12/193,468	18-Aug-2008	2009-0204950	19-Nov-2009	8,287,142	19-Oct-2012	02-Jan-2010	Granted	IDEAL Industries Lighting LLC	Conversion Kit for Lighting Assemblies	
P0369	United States of America	0	PRD	81/143,566	09-Jan-2009						Abandoned	IDEAL Industries Lighting LLC	Lighting Device	
P0369	United States of America	2	PRD	81/143,566	09-Jan-2009					09-Jan-2010	Expired	IDEAL Industries Lighting LLC	Lighting Device	
P0369	United States of America	1	ORD	12/546,915	25-Aug-2009	US 2010/0177509 A1	15-Jul-2010	10,107,240	05-Feb-2010	25-Aug-2009	Granted	IDEAL Industries Lighting LLC	Lighting Device	
P0369	United States of America	1	ORD	12/245,450	03-Oct-2008	2010005750	08-Apr-2010	8,550,305	08-Aug-2010	08-Oct-2008	Granted	IDEAL Industries Lighting LLC	Active Thermal Management Systems for Enclosed Lighting and Modular Lighting Systems Incorporating the Same	
P0369	United States of America	1	ORD	12/535,319	04-Aug-2009	US2011-0021894 A1	10-Feb-2011	8,716,952	06-May-2014	11-Apr-2012	Granted	IDEAL Industries Lighting LLC	Lighting Device Having First, Second, and Third groups of Solid State Lighting Emitters, and Lighting Arrangement	
P0369	Korea, Republic of		PCT	10-2012-7005617	02-Mar-2012						Abandoned	IDEAL Industries Lighting LLC	Lighting Device Having First, Second, and Third groups of Solid State Lighting Emitters, and Lighting Arrangement	
P0369	India		PCT	1910/CHENP/2012	16-Jun-2010	1910/CHENP/2012A	19-Apr-2013				Abandoned	IDEAL Industries Lighting LLC	Lighting Device Having First, Second, and Third groups of Solid State Lighting Emitters, and Lighting Arrangement	
P0369	Patent Cooperation Treaty		ORD	PCT/US10/30781	16-Jun-2010	WO2011/016907	10-Feb-2011				Inactive	IDEAL Industries Lighting LLC	Lighting Device Having First, Second, and Third groups of Solid State Lighting Emitters, and Lighting Arrangement	
P0369	European Patent Convention		PCT	10/259,861	20-Feb-2012	EP246887A	13-Jun-2012				Abandoned	IDEAL Industries Lighting LLC	Lighting Device Having First, Second, and Third groups of Solid State Lighting Emitters, and Lighting Arrangement	
P0369	China (People's Republic)		PCT	201080034637.2	19-Jun-2010	CN102473703	23-May-2012	ZL201080034637.2	17-Feb-2016	16-Jun-2010	Granted	IDEAL Industries Lighting LLC	Lighting Device Having First, Second, and Third groups of Solid State Lighting Emitters, and Lighting Arrangement	
P0369	United States of America	2	ODN	14/223,369	24-Mar-2014	US2014-0203729	24-Jul-2014	9,605,008	28-Mar-2017	20-Jan-2010	Granted	IDEAL Industries Lighting LLC	Lighting Device Having First, Second, and Third groups of Solid State Lighting Emitters, and Lighting Arrangement	
P1003	European Patent Convention		PCT	10/1505.7	23-Mar-2010	2411733	02-Jan-2012	2411733	28-Sep-2016	23-Mar-2010	Granted	IDEAL Industries Lighting LLC	LED Lamp without External Heat Sink	AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; U; LT; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; SE; SK; SI; TR
P1003	United States of America	1	ORD	12/411,305	28-Mar-2009	US 2010/0246177 A1	30-Sep-2010	8,950,910	10-Feb-2015	05-Mar-2010	Granted	IDEAL Industries Lighting LLC	LED Lamp without External Heat Sink	
P1003	Korea, Republic of		PCT	10-2011-7025181	25-Oct-2011						Abandoned	IDEAL Industries Lighting LLC	LED Lamp without External Heat Sink	
P1003	United Kingdom		EPP	10/1505.7	23-Mar-2010	2411733	02-Jan-2012	2411733	28-Sep-2016	23-Mar-2010	Granted	IDEAL Industries Lighting LLC	LED Lamp without External Heat Sink	
P1003	China (People's Republic)		PCT	201000134449	28-Sep-2011	CN102302118 A	22-Feb-2012	ZL20100013444.9	01-Jul-2015	23-Mar-2010	Granted	IDEAL Industries Lighting LLC	LED Lamp without External Heat Sink	
P1003	Patent Cooperation Treaty		ORD	PCT/US2010/020208	23-Mar-2010	WO 2010/111223	30-Sep-2010				Inactive	IDEAL Industries Lighting LLC	LED Lamp without External Heat Sink	
P1003	Japan		PCT	2012-521658	26-Sep-2011	2012-521641	13-Sep-2012	5844726	27-Nov-2015	23-Mar-2010	Granted	IDEAL Industries Lighting LLC	LED Lamp without External Heat Sink	
P1005	China (People's Republic)		PCT	201000216701	30-Mar-2010	CN102426319A	25-Apr-2012	ZL20100021670.1	03-Aug-2016	30-Mar-2010	Granted	IDEAL Industries Lighting LLC	Lighting Device with Multiple-Reflex Reflector	
P1005	Korea, Republic of		PCT	10-2011-7030184	16-Dec-2011						Abandoned	IDEAL Industries Lighting LLC	Lighting Device with Multiple-Reflex Reflector	

P1005	European Patent Convention		PCT	10711839.3	04-Nov-2011	2433047	28-Mar-2012	2433047	07-Oct-2020	30-Mar-2020	Granted	IDEAL Industries Lighting LLC	Lighting Device with Multiple Reflector	AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; U; LT; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; SE; SI; SK; SM; TR
P1005	Patent Cooperation Treaty		ORD	PCT/US10/29135	30-Mar-2010	WO/2010/125029	25-Nov-2010				Inactive	IDEAL Industries Lighting LLC	Lighting Device with Multiple Reflector	
P1005	Taiwan		ORD	98111587	14-Apr-2010	201122367	01-Jul-2011				Abandoned	IDEAL Industries Lighting LLC	Lighting Device with Multiple Reflector	
P1005	United States of America	1	FRI	12467,467	18-May-2009	US-2010-0290222-A1	18-Nov-2010	9,841,162	12-Dec-2017	18-May-2029	Granted	IDEAL Industries Lighting LLC	Lighting Device with Multiple Reflector	
P1005	Germany		EPP	10711839.3	04-Nov-2011	2433047	28-Mar-2012	2433047	07-Oct-2020	30-Mar-2020	Granted	IDEAL Industries Lighting LLC	Lighting Device with Multiple Reflector	
P1006	Taiwan		ORD	87118764	07-May-2008						Abandoned	IDEAL Industries Lighting LLC	Lighting Fixtures and Lighting Devices	
P1006	United States of America	1	ORD	12118,348	07-May-2008	US2008-0278957	18-Nov-2008	10,047,948	14-Aug-2018	03-Sep-2030	Granted	IDEAL Industries Lighting LLC	Lighting Fixtures and Lighting Devices	
P1006	Korea, Republic of		PCT	10-2008-7025333	07-May-2008						Abandoned	IDEAL Industries Lighting LLC	Lighting Fixtures and Lighting Devices	
P1006	Japan		PCT	2010-507608	07-Nov-2009	2010-527119	05-Aug-2010	5881455	12-Dec-2014	07-May-2028	Granted	IDEAL Industries Lighting LLC	Lighting Fixtures and Lighting Devices	
P1006	India		PCT	PCT/US09/83226	28-Aug-2009						Abandoned	IDEAL Industries Lighting LLC	Lighting Fixtures and Lighting Devices	
P1006	European Patent Convention		PCT	0875098.4	28-Aug-2009	EP2162674A	17-Mar-2010	2162674	19-Apr-2017	07-May-2028	Granted	IDEAL Industries Lighting LLC	Lighting Fixtures and Lighting Devices	AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; U; LT; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; SE; SI; SK; SM; TR
P1006	Germany		EPP	0875098.4	07-May-2008	EP2162674A	17-Mar-2010	2162674	19-Apr-2017	07-May-2028	Granted	IDEAL Industries Lighting LLC	Lighting Fixtures and Lighting Devices	
P1006	China (People's Republic)		PCT	20080015171.4	28-Aug-2009	CN10160945A	24-Mar-2010	ZL2008015171.4	06-Aug-2014	07-Mar-2028	Granted	IDEAL Industries Lighting LLC	Lighting Fixtures and Lighting Devices	
P1006	Brazil		PCT	0811560.5	08-Nov-2009						Abandoned	IDEAL Industries Lighting LLC	Lighting Fixtures and Lighting Devices	
P1006	Patent Cooperation Treaty		ORD	PCT/US09/82626	07-May-2008	WO2008137908	13-Nov-2008				Inactive	IDEAL Industries Lighting LLC	Lighting Fixtures and Lighting Devices	
P1007	European Patent Convention		PCT	0929842.5	30-May-2011	2356886	17-Aug-2011	2356886	28-Mar-2014	30-Nov-2029	Granted	IDEAL Industries Lighting LLC	Electronic Device Including Circuitry Comprising Open Failure-Susceptible Components, and Open Failure-Actuated Anti-Fuse Pathway	AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; U; LT; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; SE; SI; SK; SM; TR
P1007	United States of America	1	ORD	12325,214	30-Nov-2008	US-2010/0134176	03-Jun-2010	8,643,283	04-Feb-2014	12-Nov-2029	Granted	IDEAL Industries Lighting LLC	Electronic Device Including Circuitry Comprising Open Failure-Susceptible Components, and Open Failure-Actuated Anti-Fuse Pathway	
P1007	Germany		EPP	0929842.5	30-Nov-2008	2356886	17-Aug-2011	2356886	28-Mar-2014	30-Nov-2029	Granted	IDEAL Industries Lighting LLC	Electronic Device Including Circuitry Comprising Open Failure-Susceptible Components, and Open Failure-Actuated Anti-Fuse Pathway	
P1007	China (People's Republic)		PCT	20090015347.2	30-Jun-2011	CN10227324A	07-Dec-2011	ZL20090015347.2	15-Oct-2014		Abandoned	IDEAL Industries Lighting LLC	ELECTRONIC DEVICE INCLUDING CIRCUITRY COMPRISING OPEN FAILURE-SUSCEPTIBLE COMPONENTS, AND OPEN FAILURE-ACTUATED ANTI-FUSE PATHWAY	
P1007	Patent Cooperation Treaty		ORD	PCT/US09/88073	30-Nov-2009	WO-2010/63023	03-Jun-2010				Inactive	IDEAL Industries Lighting LLC	Electronic Device Including Circuitry Comprising Open Failure-Susceptible Components, and Open Failure-Actuated Anti-Fuse Pathway	
P1008	Germany		EPP	0929844.1	30-Nov-2009	2356885	17-Aug-2011	2356885	17-Apr-2013	30-Nov-2029	Granted	IDEAL Industries Lighting LLC	LED Thermal Management System and Method	
P1008	China (People's Republic)		PCT	20090015329.4	30-May-2011	CN102273321A	07-Dec-2011	ZL20090015329.4	28-Aug-2015	30-Nov-2029	Granted	IDEAL Industries Lighting LLC	LED Thermal Management System and Method	
P1008	European Patent Convention		PCT	0929844.1	30-May-2011	2356885	17-Aug-2011	2356885	17-Apr-2013	30-Nov-2029	Granted	IDEAL Industries Lighting LLC	LED Thermal Management System and Method	AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; U; LT; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; SE; SI; SK; SM; TR
P1008	United States of America	1	ORD	12325,268	30-Nov-2008	US-2010/0134624	03-Jun-2010	9,781,833	03-Oct-2017	30-Aug-2031	Granted	IDEAL Industries Lighting LLC	LED Thermal Management System and Method	
P1008	Patent Cooperation Treaty		ORD	PCT/US09/88081	30-Nov-2009	WO-2010/63025	03-Jun-2010				Inactive	IDEAL Industries Lighting LLC	LED Thermal Management System and Method	
P1008	Japan		PCT	2011-528711	30-May-2011						Abandoned	IDEAL Industries Lighting LLC	LED Thermal Management System and Method	
P1008	India		PCT	3708CHENP/2011	30-May-2011	3708CHENP/2011A	07-Sep-2012				Abandoned	IDEAL Industries Lighting LLC	LED Thermal Management System and Method	
P1008	Korea, Republic of		PCT	10-2011-7014951	28-Jun-2011						Abandoned	IDEAL Industries Lighting LLC	LED Thermal Management System and Method	
P1010	European Patent Convention		PCT	0973871.9	18-Apr-2011	2345079A	20-Jul-2011			07-Oct-2028	Abandoned	IDEAL Industries Lighting LLC	Lighting Device Which Includes One or More Solid State Lighting Emitting Device	AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; U; LT; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; SE; SI; SK; SM; TR
P1010	United States of America	1	ORD	12512,653	30-Jul-2009	US-2010-0102897-A1	28-Apr-2010	8,008,845	30-Aug-2011	30-Jul-2029	Granted	IDEAL Industries Lighting LLC	Lighting Device which Includes One or More Solid State Light Emitting Device	
P1010	Taiwan		ORD	98135338	18-Oct-2009	201024814	01-Jul-2010				Abandoned	IDEAL Industries Lighting LLC	Lighting Device Which Includes One or More Solid State Light Emitting Device	
P1010	China (People's Republic)		PCT	20090014235.4	25-Apr-2011	CN102209442A	28-Sep-2011	ZL20090014235.4	16-Apr-2014	07-Oct-2029	Granted	IDEAL Industries Lighting LLC	Lighting Device Which Includes One or More Solid State Light Emitting Device	
P1010	Patent Cooperation Treaty		ORD	PCT/US09/59832	07-Oct-2009	WO2010/047351	29-Apr-2010				Inactive	IDEAL Industries Lighting LLC	Lighting Device which Includes One or More Solid State Light Emitting Device	
P1010	United States of America	0	PRD	81108,100	24-Oct-2008					24-Oct-2016	Expired	IDEAL Industries Lighting LLC	Lighting Device which Includes One or More Solid State Light Emitting Device	
P1014	China (People's Republic)		PCT	20090013195.0	25-Dec-2010	CN102124263A	13-Jul-2011	ZL20090013195.0	24-Jul-2013	25-Jun-2029	Granted	IDEAL Industries Lighting LLC	Solid State Lighting Devices Including Light Mixtures	
P1014	Korea, Republic of		PCT	10-2011-7001631	24-Jan-2011						Abandoned	IDEAL Industries Lighting LLC	Solid State Lighting Devices Including Light Mixtures	
P1014	United States of America	1	OP	12491,654	25-Jun-2009	US-2010-0079559-A1	01-Apr-2010	8,988,444	07-Apr-2015	17-Jul-2020	Granted	IDEAL Industries Lighting LLC	Solid State Lighting Devices Including Light Mixtures	
P1014	Patent Cooperation Treaty		ORD	PCT/US2009/03768	25-Jun-2009	WO2009/157999	30-Dec-2009				Inactive	IDEAL Industries Lighting LLC	Solid State Lighting Devices Including Light Mixtures	
P1014	United States of America	0	PRD	81075,513	25-Jun-2008						Inactive	IDEAL Industries Lighting LLC	Solid State Lighting Devices Including Light Mixtures	
P1014	Japan		PCT	2011-516301	24-Dec-2010			5624031	03-Oct-2014	25-Jun-2029	Granted	IDEAL Industries Lighting LLC	Solid State Lighting Devices Including Light Mixtures	
P1014	India		PCT	402CHENP/2011	19-Jan-2011	402CHENP/2011	11-Nov-2011				Abandoned	IDEAL Industries Lighting LLC	Solid State Lighting Devices Including Light Mixtures	
P1014	Germany		EPP	09770537.0	25-Jun-2009	2304309	06-Apr-2011	2304309	30-Sep-2015	25-Jun-2029	Granted	IDEAL Industries Lighting LLC	Solid State Lighting Devices Including Light Mixtures	
P1014	European Patent Convention		PCT	09770537.0	13-Jan-2011	2304309	06-Apr-2011	2304309	30-Sep-2015	25-Jun-2029	Granted	IDEAL Industries Lighting LLC	Solid State Lighting Devices Including Light Mixtures	AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; U; LT; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; SE; SI; SK; SM; TR
P1017	United States of America	0	PRD	81008,280	05-Aug-2008						Abandoned	IDEAL Industries Lighting LLC	Solid State Lighting Devices and Methods	
P1021	United States of America	1	OP	12475,850	01-Jun-2009	US-2009-0296384-A1	03-Dec-2009	9,441,793	13-Sep-2016	04-Dec-2028	Granted	IDEAL Industries Lighting LLC	High Efficacy Lighting Devices	
P1025	United States of America	1	ORD	12418,786	06-Apr-2009	US-2010-0254126-A1	07-Oct-2010	8,528,102	10-Sep-2013	05-May-2030	Granted	IDEAL Industries Lighting LLC	Reflector System for Lighting Device	
P1025	Patent Cooperation Treaty		ORD	PCT/US10/00817	19-Mar-2010	WO/2010/117439	14-Oct-2010				Inactive	IDEAL Industries Lighting LLC	Reflector System for Lighting Device	
P1025	European Patent Convention		PCT	1072524.2	19-Mar-2010	2417388	15-Feb-2012	2417388	28-Jun-2017	19-Mar-2030	Granted	IDEAL Industries Lighting LLC	Reflector System for Lighting Device	AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; U; LT; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; SE; SI; SK; SM; TR

P1025	Taiwan		ORD	09911005	31-Mar-2010					Abandoned	IDEAL Industries Lighting LLC	Reflector System for Lighting Device		
P1025	Korea, Republic of		PCT	10-2011-7026420	04-Nov-2011	10-2012-9327222	21-Mar-2012			Abandoned	IDEAL Industries Lighting LLC	Reflector System for Lighting Device		
P1025	Germany		EPP	1072524.2	19-Mar-2010	2417398	15-Feb-2012	2417398	28-Jun-2017	19-Mar-2020	Granted	IDEAL Industries Lighting LLC	Reflector System for Lighting Device	
P1025	China (People's Republic)		PCT	201080023107.8	28-Nov-2011	102449388	09-May-2012	ZL201080023107.8	22-Mar-2017	19-Mar-2020	Granted	IDEAL Industries Lighting LLC	Reflector System for Lighting Device	
P1027	Germany		EPP	1072518.8	07-Nov-2011	2430355	21-Mar-2012	2430355	13-May-2020	30-Mar-2020	Granted	IDEAL Industries Lighting LLC	Solid State Lighting Devices having Remote Luminescent-Material-Containing Element, and Lighting Methods	
P1027	Patent Cooperation Treaty		ORD	PCT/US1020130	30-Mar-2010						Inactive	IDEAL Industries Lighting LLC	Solid State Lighting Devices having Remote Luminescent-Material-Containing Element, and Lighting Methods	
P1027	European Patent Convention		PCT	1072518.8	07-Nov-2011	2430355	21-Mar-2012	2430355	13-May-2020	30-Mar-2020	Granted	IDEAL Industries Lighting LLC	Solid State Lighting Devices having Remote Luminescent-Material-Containing Element, and Lighting Methods	AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; U; LT; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; SE; SI; SK; TR
P1027	Korea, Republic of		PCT	10-2011-7028705	12-Dec-2011						Abandoned	IDEAL Industries Lighting LLC	Solid State Lighting Devices having Remote Luminescent-Material-Containing Element, and Lighting Methods	
P1027	Taiwan		ORD	08111574	14-Apr-2010	201102584	16-Jan-2011				Abandoned	IDEAL Industries Lighting LLC	Solid State Lighting Devices having Remote Luminescent-Material-Containing Element, and Lighting Methods	
P1027	United States of America	1	FRI	12485,203	13-May-2009	US-2010-0200200-A1	18-Nov-2010	8,337,030	25-Dec-2012	18-Jan-2020	Granted	IDEAL Industries Lighting LLC	Solid State Lighting Devices having Remote Luminescent-Material-Containing Element, and Lighting Methods	
P1027	United States of America	2	ODN	13972,941	09-Nov-2012	2013-0087024	14-Mar-2013	9,493,107	15-Nov-2016	29-Aug-2020	Granted	IDEAL Industries Lighting LLC	Solid State Lighting Devices having Remote Luminescent-Material-Containing Element, and Lighting Methods	
P1029	European Patent Convention		PCT	0975697.2	07-Oct-2009	EP2337983A	29-Jun-2011	2337983	18-Jan-2017	07-Oct-2020	Granted	IDEAL Industries Lighting LLC	Lighting Device	AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; U; LT; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; SE; SI; SK; TR
P1029	Patent Cooperation Treaty		ORD	PCT/US0959834	28-Oct-2009	WO2010/047952	24-Apr-2011				Inactive	IDEAL Industries Lighting LLC	Lighting Device	
P1029	United States of America	1	ORD	12489,819	21-May-2009	US-2010-0102199-A1	20-Apr-2010	8,445,804	21-May-2013	09-Jan-2020	Granted	IDEAL Industries Lighting LLC	Lighting Device	
P1029	United States of America	0	PRD	81708,133	24-Oct-2008						Inactive	IDEAL Industries Lighting LLC	Sensors for Self-Balasted Lamps	
P1029	Germany		EPP	0975697.2	07-Oct-2009	EP2337983A	29-Jun-2011	2337983	18-Jan-2017	07-Oct-2020	Granted	IDEAL Industries Lighting LLC	Lighting Device	
P1029	China (People's Republic)		PCT	200980142332.0	25-Apr-2011	CN102216676A	12-Oct-2011	ZL200980142332.0	17-May-2017	07-Oct-2020	Granted	IDEAL Industries Lighting LLC	Lighting Device	
P1029	Taiwan		ORD	8813488	15-Oct-2009	201020470	01-Jun-2010				Abandoned	IDEAL Industries Lighting LLC	Lighting Device	
P1030	Taiwan		ORD	8813472	14-Oct-2009	201020258	18-Jun-2010				Abandoned	IDEAL Industries Lighting LLC	Lighting Device, Heat transfer Structure and Heat transfer Element	
P1030	Japan	2	DIV	2013-232182	01-Sep-2009	2014-053320	20-Mar-2014	5885884	03-Jan-2016	01-Sep-2020	Granted	IDEAL Industries Lighting LLC	Lighting Device, Heat transfer Structure and Heat transfer Element	
P1030	European Community	2	DES	001856808-0001	28-Apr-2011			001856808-0001	28-Apr-2011	28-Apr-2020	Granted	IDEAL Industries Lighting LLC	Lighting Device, Heat transfer Structure and Heat transfer Element	
P1030	European Patent Convention		PCT	0979231.6	24-May-2011	EP2337987A	29-Jun-2011	2337987	14-Mar-2018	01-Sep-2020	Granted	IDEAL Industries Lighting LLC	Lighting Device, Heat Transfer Structure and Heat Transfer Element	AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; U; LT; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; SE; SI; SK; TR
P1030	Germany		EPP	0979231.6	01-Sep-2009	EP2337987A	29-Jun-2011	2337987	14-Mar-2018	01-Sep-2020	Granted	IDEAL Industries Lighting LLC	Lighting Device, Heat Transfer Structure and Heat Transfer Element	
P1030	China (People's Republic)		PCT	200980142333.5	25-Apr-2011	CN10220494A	28-Sep-2011	ZL200980142333.5	12-Mar-2014	01-Sep-2020	Abandoned	IDEAL Industries Lighting LLC	Lighting Device, Heat Transfer Structure and Heat Transfer Element	
P1030	Australia	2	DIV	2012205803	02-Feb-2012			2012205803	02-Oct-2014	01-Sep-2020	Abandoned	IDEAL Industries Lighting LLC	Heat Pipes for Self-Balasted Lamps	
P1030	Australia		PCT	200630893	24-May-2011			200630893	08-Mar-2012	01-Sep-2020	Abandoned	IDEAL Industries Lighting LLC	Heat Pipes for Self-Balasted Lamps	
P1030	Patent Cooperation Treaty		ORD	PCT/US2009055592	01-Sep-2009	WO2010/047882	20-Apr-2010				Inactive	IDEAL Industries Lighting LLC	Lighting Device, Heat transfer Structure and Heat transfer Element	
P1030	United States of America	0	PRD	81708,140	24-Oct-2008					24-Oct-2009	Expired	IDEAL Industries Lighting LLC	Heat Pipes for Self-Balasted Lamps	
P1030	United States of America	1	ORD	12498,828	21-May-2009	US-2010-0103678-A1	20-Apr-2010	8,858,332	14-Oct-2014	25-Nov-2020	Granted	IDEAL Industries Lighting LLC	Lighting Device, Heat transfer Structure and Heat transfer Element	
P1030	United States of America	2	DES	29378,208	18-Nov-2010			0670,410	06-Nov-2012	06-Nov-2020	Granted	IDEAL Industries Lighting LLC	Lighting Device, Heat transfer Structure and Heat transfer Element	
P1030	United States of America	3	DIV	14486,158	22-Aug-2014	2014-0382582	11-Dec-2014	10,405,295	03-Dec-2019	20-Jan-2021	Granted	IDEAL Industries Lighting LLC	Lighting Device, Heat transfer Structure and Heat transfer Element	
P1030	Japan		PCT	2011-532031	19-Apr-2011	2012-507115	22-Mar-2012	5489176	07-Feb-2014	01-Sep-2020	Granted	IDEAL Industries Lighting LLC	Lighting Device, Heat transfer Structure and Heat transfer Element	
P1030	Korea, Republic of		PCT	10-2011-7011899	23-May-2011						Abandoned	IDEAL Industries Lighting LLC	Lighting Device, Heat transfer Structure and Heat transfer Element	
P1030	United Kingdom		RFD	900165900-0001	28-Apr-2011			900165900-0001	28-Apr-2011	28-Apr-2020	Granted	IDEAL Industries Lighting LLC	Lighting Device, Heat transfer Structure and Heat transfer Element	
P1030	European Patent Convention	2	DIV	11189420.1	20-Jan-2009	EP2451250 A	08-May-2012	2451250	24-Jul-2013	20-Jan-2020	Granted	IDEAL Industries Lighting LLC	Dimming Signal Generation and Methods of Generating Dimming Signals	AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; U; LT; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; SE; SI; SK; TR
P1030	Italy		EPP	09704194.1	20-Jan-2009	EP2238807	13-Oct-2010	EP2238807	07-Dec-2011	20-Jan-2020	Granted	IDEAL Industries Lighting LLC	Dimming Signal Generation and Methods of Generating Dimming Signals	
P1030	United Kingdom	2	EDV	11189420.1	20-Jan-2009	EP2451250 A	08-May-2012	2451250	24-Jul-2013	20-Jan-2020	Granted	IDEAL Industries Lighting LLC	Dimming Signal Generation and Methods of Generating Dimming Signals	
P1030	China (People's Republic)		PCT	200980103169.3	21-Jul-2010	CN101926222A	22-Dec-2010	ZL200980103169.3	11-Jul-2012	20-Jan-2020	Granted	IDEAL Industries Lighting LLC	Dimming Signal Generation and Methods of Generating Dimming Signals	
P1030	Germany		EPP	09704194.1	20-Jan-2009	EP2238807	13-Oct-2010	EP2238807	07-Dec-2011	20-Jan-2020	Granted	IDEAL Industries Lighting LLC	Dimming Signal Generation and Methods of Generating Dimming Signals	
P1030	Germany	2	EDV	11189420.1	20-Jan-2009	EP2451250 A	08-May-2012	2451250	24-Jul-2013	20-Jan-2020	Granted	IDEAL Industries Lighting LLC	Dimming Signal Generation and Methods of Generating Dimming Signals	
P1030	European Patent Convention		PCT	09704194.1	10-Aug-2010	EP2238807	13-Oct-2010	EP2238807	07-Dec-2011	20-Jan-2020	Granted	IDEAL Industries Lighting LLC	Dimming Signal Generation and Methods of Generating Dimming Signals	AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; U; LT; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; SE; SI; SK; TR
P1030	France		EPP	09704194.1	20-Jan-2009	EP2238807	13-Oct-2010	EP2238807	07-Dec-2011	20-Jan-2020	Granted	IDEAL Industries Lighting LLC	Dimming Signal Generation and Methods of Generating Dimming Signals	
P1030	Japan		PCT	2010-544384	22-Jul-2010	2011-519475	31-Mar-2011	5754844	05-Jun-2015	20-Jan-2020	Abandoned	IDEAL Industries Lighting LLC	Dimming Signal Generation and Methods of Generating Dimming Signals	
P1030	Korea, Republic of		PCT	10-2010-7018980	23-Aug-2010						Abandoned	IDEAL Industries Lighting LLC	Dimming Signal Generation and Methods of Generating Dimming Signals	
P1030	Netherlands		EPP	09704194.1	20-Jan-2009	EP2238807	13-Oct-2010	EP2238807	07-Dec-2011	20-Jan-2020	Granted	IDEAL Industries Lighting LLC	Dimming Signal Generation and Methods of Generating Dimming Signals	
P1030	United States of America	1	ORD	12328,115	04-Dec-2008	US2009-0104862-A1	23-Jul-2009	8,115,419	14-Feb-2012	21-Feb-2020	Granted	IDEAL Industries Lighting LLC	Dimming Signal Generation and Methods of Generating Dimming Signals	
P1030	Ireland		EPP	09704194.1	20-Jan-2009	EP2238807	13-Oct-2010	EP2238807	07-Dec-2011	20-Jan-2020	Granted	IDEAL Industries Lighting LLC	Dimming Signal Generation and Methods of Generating Dimming Signals	
P1030	United Kingdom		EPP	09704194.1	20-Jan-2009	EP2238807	13-Oct-2010	EP2238807	07-Dec-2011	20-Jan-2020	Granted	IDEAL Industries Lighting LLC	Dimming Signal Generation and Methods of Generating Dimming Signals	

P1039	Patent Cooperation Treaty		ORD	PCT/US09/31426	20-Jan-2009	WO2009/094329	05-Jul-2008			Inactive	IDEAL Industries Lighting LLC	Dimming Signal Generation and Methods of Generating Dimming Signals	
P1044	United States of America	3	DDN	13/100,759	12-Jul-2011	US-2012-007492	12-Jan-2012	8,382,881	29-Jan-2013	18-Nov-2028	Granted	IDEAL Industries Lighting LLC	Semiconductor Light Emitting Apparatus Including Elongated Hollow Wavelength Conversion Tubes and Methods of Assembling Same
P1044	Japan		PCT	2011-539409	17-May-2011			5511837	04-Apr-2014	10-Nov-2029	Granted	IDEAL Industries Lighting LLC	Semiconductor Light Emitting Apparatus Including Elongated Hollow Wavelength Conversion Tubes and Methods of Assembling Same
P1044	China (People's Republic)		PCT	200980154672.5	15-Jul-2011	102282417	14-Feb-2011	ZL200980154672.5	09-Nov-2013	10-Nov-2029	Granted	IDEAL Industries Lighting LLC	Semiconductor Light Emitting Apparatus Including Elongated Hollow Wavelength Conversion Tubes and Methods of Assembling Same
P1044	European Patent Convention		PCT	09752079.5	10-Nov-2009	2356375	17-Aug-2011	2356375	05-Jan-2010	10-Nov-2029	Granted	IDEAL Industries Lighting LLC	Semiconductor Light Emitting Apparatus Including Elongated Hollow Wavelength Conversion Tubes and Methods of Assembling Same
P1044	Korea, Republic of		PCT	10-2011-7014111	17-Jun-2011						Abandoned	IDEAL Industries Lighting LLC	Semiconductor Light Emitting Apparatus Including Elongated Hollow Wavelength Conversion Tubes and Methods of Assembling Same
P1044	United States of America	0	PRD	81/301,068	02-Feb-2010					03-Feb-2011	Expired	IDEAL Industries Lighting LLC	Ultra-High Efficacy Semiconductor Light Emitting Devices
P1044	United States of America	2	CIP	13/807,510	15-Apr-2011	US2011/0310587A1	22-Dec-2011	9,052,418	09-Jun-2015	04-Nov-2021	Granted	IDEAL Industries Lighting LLC	Ultra-High Efficacy Semiconductor Light Emitting Devices
P1044	United States of America	4	DDN	13/720,183	18-Dec-2012	US2013-0107522	02-Mar-2013	9,046,248	02-Jun-2015	03-May-2029	Granted	IDEAL Industries Lighting LLC	Semiconductor light emitting apparatus including bulb- and screw-type base
P1044	Patent Cooperation Treaty		ORD	PCT/US09/083084	10-Nov-2009						Inactive	IDEAL Industries Lighting LLC	Semiconductor Light Emitting Apparatus Including Elongated Hollow Wavelength Conversion Tubes and Methods of Assembling Same
P1044	Germany		EPP	09752079.5	10-Nov-2009	2356375	17-Aug-2011	2356375	05-Jan-2010	10-Nov-2029	Granted	IDEAL Industries Lighting LLC	Semiconductor Light Emitting Apparatus Including Elongated Hollow Wavelength Conversion Tubes and Methods of Assembling Same
P1044	United States of America	1	ORD	12/273,216	18-Nov-2008	US-2010-0124243-A1	20-May-2010	8,004,172	23-Aug-2011	29-Apr-2029	Granted	IDEAL Industries Lighting LLC	Semiconductor Light Emitting Apparatus Including Elongated Hollow Wavelength Conversion Tubes and Methods of Assembling Same
P1049	Taiwan		ORD	98128708	28-Aug-2010	201111959	01-Apr-2011				Abandoned	IDEAL Industries Lighting LLC	Lighting Device with Heat Dissipation Elements
P1049	United States of America	1	ORD	12/551,591	01-Sep-2009	US-2011-0050070-A1	03-Mar-2011	9,805,844	28-Mar-2012	01-Sep-2029	Granted	IDEAL Industries Lighting LLC	Lighting Device with Heat Dissipation Elements
P1049	European Patent Convention		PCT	10757896.3	21-Feb-2012	EP 2473789A	11-Jul-2012	2473780	08-Mar-2010	31-Aug-2030	Granted	IDEAL Industries Lighting LLC	Lighting Device with Heat Dissipation Elements
P1049	Germany		EPP	10757896.3	31-Aug-2010	EP 2473789A	11-Jul-2012	2473780	09-Mar-2010	31-Aug-2030	Abandoned	IDEAL Industries Lighting LLC	Lighting Device with Heat Dissipation Elements
P1049	China (People's Republic)		PCT	20108003498.3	28-Feb-2012	102762494	14-Nov-2012	ZL20108003498.3	03-Feb-2012	31-Aug-2030	Abandoned	IDEAL Industries Lighting LLC	Lighting Device with Heat Dissipation Elements
P1049	Patent Cooperation Treaty		ORD	PCT/US2010/047208	31-Aug-2010	WO2011/020891	10-Mar-2011				Inactive	IDEAL Industries Lighting LLC	Lighting Device with Heat Dissipation Elements
P1058	Netherlands		EPP	10725599.8	28-May-2010	2430348	11-Apr-2012	2438348	28-Jun-2013	28-May-2030	Granted	IDEAL Industries Lighting LLC	Semiconductor Light Emitting Devices with Remotely Located Discrete Lumiphor-Bearing Regions
P1058	Patent Cooperation Treaty		ORD	PCT/US2010/038583	28-May-2010						Inactive	IDEAL Industries Lighting LLC	Semiconductor Light Emitting Devices with Remotely Located Discrete Lumiphor-Bearing Regions
P1058	Taiwan		ORD	089117821	01-Jun-2010	201108471	01-Mar-2011				Abandoned	IDEAL Industries Lighting LLC	Semiconductor Light Emitting Devices with Remotely Located Discrete Lumiphor-Bearing Regions
P1058	European Patent Convention		PCT	10725599.8	18-Nov-2011	2430348	11-Apr-2012	2438348	28-Jun-2013	28-May-2030	Granted	IDEAL Industries Lighting LLC	Semiconductor Light Emitting Devices with Remotely Located Discrete Lumiphor-Bearing Regions
P1058	Germany		EPP	10725599.8	28-May-2010	2430348	11-Apr-2012	2438348	28-Jun-2013	28-May-2030	Granted	IDEAL Industries Lighting LLC	Semiconductor Light Emitting Devices with Remotely Located Discrete Lumiphor-Bearing Regions
P1058	Korea, Republic of		PCT	10-2011-7029984	14-Dec-2011						Abandoned	IDEAL Industries Lighting LLC	Semiconductor Light Emitting Devices with Remotely Located Discrete Lumiphor-Bearing Regions
P1058	United States of America	1	ORD	12/478,356	02-Jun-2009	US-2010-0001360-A1	02-Dec-2010	8,921,876	30-Dec-2014	22-Aug-2029	Granted	IDEAL Industries Lighting LLC	Lighting Devices with Discrete Lumiphor-Bearing Regions within or on a Surface of Remote Elements
P1062	Germany		EPP	10771253.1	16-May-2012	EP2491303A	29-Aug-2012	2491303	01-May-2010	08-Oct-2030	Granted	IDEAL Industries Lighting LLC	Heat Sinks and Lamp Incorporating Same
P1062	Patent Cooperation Treaty		ORD	PCT/US2010/051983	08-Oct-2010	WO 2011/049780	28-Apr-2011				Inactive	IDEAL Industries Lighting LLC	Heat Sinks and Lamp Incorporating Same
P1062	United States of America	5	DES	29/375,348	20-Sep-2010			D644,356	30-Aug-2011	30-Aug-2025	Granted	IDEAL Industries Lighting LLC	Lamp
P1062	United States of America	4	CIP	12/883,889	07-Jan-2010	US-2011-0088830-A1	21-Apr-2011	9,211,542	22-Dec-2015	31-Aug-2030	Granted	IDEAL Industries Lighting LLC	Heat Sinks and Lamp Incorporating Same
P1062	United States of America	3	DES	29/348,183	28-Oct-2009			D628,257	26-Oct-2010	26-Oct-2024	Granted	IDEAL Industries Lighting LLC	Lamp
P1062	United States of America	2	CIP	12/807,385	20-Oct-2009	US-2011-0080830-A1	21-Apr-2011	9,030,120	12-May-2015	15-Jul-2021	Granted	IDEAL Industries Lighting LLC	Heat Sinks and Lamp Incorporating Same
P1062	United States of America	1	ORD	12/582,200	20-Oct-2009	US-2011-0090889-A1	21-Apr-2011	9,243,758	26-Jan-2010		Abandoned	IDEAL Industries Lighting LLC	Compact Heat Sinks and Solid State Lamp Incorporating Same
P1062	Korea, Republic of		PCT	10-2012-7012850	18-May-2012						Abandoned	IDEAL Industries Lighting LLC	Heat Sinks and Lamp Incorporating Same
P1062	European Patent Convention		PCT	10771253.1	16-May-2012	EP2491303A	29-Aug-2012	2491303	01-May-2010	08-Oct-2030	Granted	IDEAL Industries Lighting LLC	Heat Sinks and Light Emitting Means With it
P1062	China (People's Republic)		PCT	201000045788.0	11-Apr-2012	CN102687333A	12-Sep-2012	ZL201000045788.0	14-Dec-2010	08-Oct-2030	Granted	IDEAL Industries Lighting LLC	Heat Sinks and Lamp Incorporating Same
P1062	Taiwan		ORD	99135201	15-Oct-2010	201124689	16-Jul-2011				Abandoned	IDEAL Industries Lighting LLC	Heat Sinks and Lamp Incorporating Same
P1062	India		PCT	4280/CHEN/P/2012	15-May-2012	4289/O-HEN/P/2012	07-Feb-2014				Abandoned	IDEAL Industries Lighting LLC	Heat Sinks and Lamp Incorporating Same
P1083	United States of America	1	ORD	12/541,215	14-Aug-2009	US2011-0037409-A1	17-Feb-2011	8,848,548	11-Feb-2014	14-Aug-2029	Granted	IDEAL Industries Lighting LLC	High Efficiency Lighting Device Including One or More Saturated Light Emitters and Method of Lighting
P1083	Patent Cooperation Treaty		ORD	PCT/US10/39331	21-Jun-2010	WO2011/019448	17-Feb-2011				Inactive	IDEAL Industries Lighting LLC	High Efficiency Lighting Device Including One or More Saturated Light Emitters and Method of Lighting
P1082	United States of America	1	ORD	12/983,658	03-Jan-2011	US 2012/0170205	05-Jul-2012	8,435,060	07-May-2013	03-Jan-2031	Granted	IDEAL Industries Lighting LLC	FIXTURES, APPARATUS, AND RELATED METHODS FOR PROVIDING LOAD BEARING CONNECTIONS FOR HIGH EFFICACY SOLID STATE LIGHTING DEVICES
P1082	United States of America	2	DDN	13/887,348	06-May-2013	US 2013/0316594	28-Nov-2013	8,886,513	11-Mar-2014	03-Jan-2031	Granted	IDEAL Industries Lighting LLC	FIXTURES, APPARATUS, AND RELATED METHODS FOR PROVIDING LOAD BEARING CONNECTIONS FOR HIGH EFFICACY SOLID STATE LIGHTING DEVICES
P1083	United States of America	1	ORD								Inactive	IDEAL Industries Lighting LLC	Heat Spreading Using Silicon Carbide Coating
P1084	United States of America	1	ORD								Inactive	IDEAL Industries Lighting LLC	Lighting Device with Structural Silicon Carbide on Graphite
P1085	Patent Cooperation Treaty		ORD	PCT/US2010/049580	21-Sep-2010	WO2011/037876	31-Mar-2011				Inactive	IDEAL Industries Lighting LLC	Lighting Device Having Heat Dissipation Element
P1085	United States of America	0	PRD	81/245,883	25-Sep-2009					25-Sep-2010	Expired	IDEAL Industries Lighting LLC	Lighting Device Having Heat Dissipation Element
P1085	United States of America	1	PCT	13/425,889	21-Sep-2010	20120287829	15-Nov-2012	9,982,847	29-May-2018	13-Nov-2030	Granted	IDEAL Industries Lighting LLC	Lighting Device Having Heat Dissipation Element
P1088	United States of America	1	ORD								Inactive	IDEAL Industries Lighting LLC	Silicon Carbide Mounts for Heat Dissipation from Packaged LEDs
P1087	European Patent Convention		PCT	10789303.2	29-Mar-2012	2480828	01-Aug-2012				Abandoned	IDEAL Industries Lighting LLC	Lighting Device Having Heat Dissipation Element

P1087	Korea, Republic of		PCT	10-2012-7010525	24-Apr-2012						Abandoned	IDEAL Industries Lighting LLC	Lighting Device Having Heat Dissipation Element	
P1087	United States of America	0	PRQ	81/245,685	25-Sep-2009					25-Sep-2010	Expired	IDEAL Industries Lighting LLC	Lighting Device Having Heat Dissipation Element	
P1087	United States of America	1	ORD	12/888,718	21-Sep-2010	US-2011-0074270-A1	31-Mar-2011	8,845,137	33-Sep-2014	21-Sep-2030	Granted	IDEAL Industries Lighting LLC	Lighting Device Having Heat Dissipation Element	
P1087	Patent Cooperation Treaty		ORD	PCT/US2010/049579	21-Sep-2010	WO2011/037882	31-Mar-2011				Inactive	IDEAL Industries Lighting LLC	Lighting Device Having Heat Dissipation Element	
P1087	China (People's Republic)		PCT	20100042898.3	25-Mar-2012	CN102630290A	08-Aug-2012				Abandoned	IDEAL Industries Lighting LLC	Lighting Device Having Heat Dissipation Element	
P1088	China (People's Republic)		PCT	20100042899.0	25-Mar-2012	CN102630380A	08-Aug-2012	ZL20100042899.0	09-Sep-2015	21-Sep-2030	Abandoned	IDEAL Industries Lighting LLC	Lighting Device with Low Glare and High Light Level Uniformity	
P1088	United States of America	1	PCT	13-425,702	21-Mar-2012	US2012-0236537-A1	20-Sep-2012	8,987,821	03-Mar-2015	23-Nov-2032	Granted	IDEAL Industries Lighting LLC	Lighting Devices Utilizing a remote Phosphor and Light Controlling Film	
P1088	European Patent Convention		PCT	1078048.1	29-Mar-2012	2480816	01-Aug-2012			21-Sep-2030	Published	IDEAL Industries Lighting LLC	Lighting Device with Low Glare and High Light Level Uniformity	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LT; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; SE; SI; SK; SM; TR
P1088	Patent Cooperation Treaty		ORD	PCT/US2010/049594	21-Sep-2010	WO2011/037877	31-Mar-2011				Inactive	IDEAL Industries Lighting LLC	Lighting Device with Low Glare and High Light Level Uniformity	
P1088	Korea, Republic of		PCT	10-2012-7010526	24-Apr-2012						Abandoned	IDEAL Industries Lighting LLC	Lighting Device with Low Glare and High Light Level Uniformity	
P1088	United States of America	0	PRQ	81/245,680	25-Sep-2009					25-Sep-2010	Expired	IDEAL Industries Lighting LLC	Lighting Device with Low Glare and High Light Level Uniformity	
P1090	United States of America	1	ORD		09-Jun-2006						Inactive	IDEAL Industries Lighting LLC	Multiple Die Packages with Silicon Carbide Substrate	
P1091	Patent Cooperation Treaty		ORD	PCT/US10/48225	08-Sep-2010	WO2011/037752	31-Mar-2011				Inactive	IDEAL Industries Lighting LLC	Solid State Lighting Apparatus with Configurable Shunts	
P1091	Japan		PCT	2012-530920	23-Mar-2012			5820380	09-Oct-2015	09-Sep-2030	Granted	IDEAL Industries Lighting LLC	Solid State Lighting Apparatus with Configurable Shunts	
P1091	Germany		EPP	10819235.2	09-Sep-2010	2471348	04-Jul-2012	2471348	28-Nov-2016	09-Sep-2030	Granted	IDEAL Industries Lighting LLC	Solid State Lighting Apparatus with Configurable Shunts	
P1091	China (People's Republic)		PCT	20100053889.X	24-May-2012	10282857	21-Aug-2013	ZL20100053889.X	28-Dec-2016	09-Sep-2030	Granted	IDEAL Industries Lighting LLC	Solid State Lighting Apparatus with Configurable Shunts	
P1091	India		PCT	3577CHEN/2012	08-Sep-2010						Abandoned	IDEAL Industries Lighting LLC	Solid State Lighting Apparatus with Configurable Shunts	
P1091	United States of America	1	ORD	12/598,142	24-Sep-2009	US-2011-0088899-A1	24-Mar-2011	8,901,329	02-Dec-2014	24-Sep-2028	Granted	IDEAL Industries Lighting LLC	Solid State Lighting Apparatus with Configurable Shunts	
P1091	European Patent Convention		PCT	10819235.2	09-Sep-2010	2471348	04-Jul-2012	2471348	28-Nov-2016	09-Sep-2030	Granted	IDEAL Industries Lighting LLC	Solid State Lighting Apparatus with Configurable Shunts	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LT; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; SE; SI; SK; SM; TR
P1091	Korea, Republic of		PCT	10-2012-7010559	19-Apr-2012						Abandoned	IDEAL Industries Lighting LLC	Solid State Lighting Apparatus with Configurable Shunts	
P1091	Taiwan		ORD	089131700	17-Sep-2010	201133381	01-Sep-2011				Abandoned	IDEAL Industries Lighting LLC	Solid State Lighting Apparatus with Configurable Shunts	
P1092	European Patent Convention		PCT	10780820.0	02-Mar-2012	2480193	08-Jun-2012	2480193	01-Aug-2016	03-Sep-2030	Granted	IDEAL Industries Lighting LLC	Solid State Lighting Devices Including Light Mixtures	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LT; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; SE; SI; SK; SM; TR
P1092	China (People's Republic)		PCT	20100052740.X	09-May-2012	102714260	03-Oct-2012	ZL20100052740.X	05-Sep-2017	03-Sep-2030	Granted	IDEAL Industries Lighting LLC	Solid State Lighting Devices Including Light Mixtures	
P1092	Patent Cooperation Treaty		ORD	PCT/US10/47822	08-Sep-2010	WO2011/031635-A1	17-Mar-2011				Inactive	IDEAL Industries Lighting LLC	Solid State Lighting Devices Including Light Mixtures	
P1092	Germany		EPP	10780820.0	03-Sep-2010	2480193	08-Jun-2012	2480193	01-Aug-2016	03-Sep-2030	Granted	IDEAL Industries Lighting LLC	Solid State Lighting Devices Including Light Mixtures	
P1092	Korea, Republic of		PCT	10-2012-7038215	30-Mar-2012						Abandoned	IDEAL Industries Lighting LLC	Solid State Lighting Devices Including Light Mixtures	
P1092	Taiwan		ORD	089130568	08-Sep-2010	201115058	01-May-2011				Abandoned	IDEAL Industries Lighting LLC	Solid State Lighting Devices Including Light Mixtures	
P1092	United States of America	2	ODN	12/911,434	25-Oct-2010	US-2011-0037413-A1	17-Feb-2011	8,212,498	03-Jul-2012	07-Nov-2029	Granted	IDEAL Industries Lighting LLC	Solid State Lighting Devices Including Light Mixtures	
P1092	United States of America	1	ODN	12/557,036	10-Sep-2009	US-2010-0034440-A1	07-Jan-2010	7,881,184	28-Oct-2010	10-Sep-2029	Granted	IDEAL Industries Lighting LLC	Solid State Lighting Devices Including Light Mixtures	
P1092	Japan		PCT	2012-528845	09-Mar-2012						Abandoned	IDEAL Industries Lighting LLC	Solid State Lighting Devices Including Light Mixtures	
P1093	China (People's Republic)		PCT	20100020354.3	08-Dec-2011	102459990	16-May-2012	ZL20100020354.3	24-Sep-2014	07-Jun-2030	Granted	IDEAL Industries Lighting LLC	Hot Light Emitting Diode (LED) Lighting Systems and Methods	
P1093	Germany		EPP	1072560.0	07-Jun-2010	2440837	18-Apr-2012	2440837	21-Feb-2016	07-Jun-2030	Granted	IDEAL Industries Lighting LLC	Hot Light Emitting Diode (LED) Lighting Systems and Methods	
P1093	European Patent Convention		PCT	1072560.0	07-Jun-2010	2440837	18-Apr-2012	2440837	21-Feb-2016	07-Jun-2030	Granted	IDEAL Industries Lighting LLC	Hot Light Emitting Diode (LED) Lighting Systems and Methods	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LT; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; SE; SI; SK; SM; TR
P1093	Korea, Republic of		PCT	10-2011-7028136	08-Dec-2011						Abandoned	IDEAL Industries Lighting LLC	Hot Light Emitting Diode (LED) Lighting Systems and Methods	
P1093	United States of America	1	ORD	12/483,020	12-Jun-2009	US-2010-0214969-A1	18-Dec-2010	8,217,587	10-Jul-2012	12-Feb-2030	Granted	IDEAL Industries Lighting LLC	Hot Light Emitting Diode (LED) Lighting Systems and Methods	
P1093	United States of America	2	ODN	13-462,041	08-Jun-2012	US-2012-0043222-A1	27-Sep-2012	9,074,737	07-Jul-2015	27-Jun-2029	Granted	IDEAL Industries Lighting LLC	Hot Light Emitting Diode (LED) Lighting Systems	
P1093	Patent Cooperation Treaty		ORD	PCT/US2010/037806	07-Jun-2010	WO 2010/144368 A1	18-Dec-2010				Inactive	IDEAL Industries Lighting LLC	Hot Light Emitting Diode (LED) Lighting Systems and Methods	
P1094	Germany		EPP	10821018.8	15-Sep-2010	2470827	04-Jul-2012	2470827	07-Sep-2016	15-Sep-2030	Granted	IDEAL Industries Lighting LLC	Light Emitting Diode (LED) Lighting Systems Including Low Absorption, Controlled Reflectance and Diffusion Layers	
P1094	United States of America	1	ORD	12/571,571	30-Sep-2009	US-2011-0075430-A1	31-Mar-2011	8,380,804	29-Jan-2013	09-Sep-2031	Granted	IDEAL Industries Lighting LLC	Light Emitting Diode (LED) Lighting Systems Including Low Absorption, Controlled Reflectance and Diffusion Layers	
P1094	China (People's Republic)		PCT	20100054238.3	30-May-2012	102867324	12-Sep-2012				Abandoned	IDEAL Industries Lighting LLC	Light Emitting Diode (LED) Lighting Systems Including Low Absorption, Controlled Reflectance and Diffusion Layers	
P1094	Patent Cooperation Treaty		ORD	PCT/US2010/048843	15-Sep-2010	WO2011/041097 A1	07-Apr-2011				Inactive	IDEAL Industries Lighting LLC	Light Emitting Diode (LED) Lighting Systems Including Low Absorption, Controlled Reflectance and Diffusion Layers	
P1094	Korea, Republic of		PCT	10-2012-7010245	30-Apr-2012						Abandoned	IDEAL Industries Lighting LLC	Light Emitting Diode (LED) Lighting Systems Including Low Absorption, Controlled Reflectance and Diffusion Layers	
P1094	European Patent Convention		PCT	10821018.8	15-Sep-2010	2470827	04-Jul-2012	2470827	07-Sep-2016	15-Sep-2030	Granted	IDEAL Industries Lighting LLC	Light Emitting Diode (LED) Lighting Systems Including Low Absorption, Controlled Reflectance and Diffusion Layers	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LT; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; SE; SI; SK; SM; TR
P1094	China (People's Republic)	2	DIV	201410224604.0	15-Sep-2010	103964401	20-Aug-2014				Abandoned	IDEAL Industries Lighting LLC	Light Emitting Diode (LED) Lighting Systems Including Low Absorption, Controlled Reflectance and Diffusion Layers	
P1098	United States of America	1	ORD	12/498,858	07-Jul-2009	US 2011/0009858	13-Jan-2011	8,476,812	02-Jul-2013	30-Oct-2029	Granted	IDEAL Industries Lighting LLC	Solid State Lighting Device with Improved Heat Sink	
P1098	Patent Cooperation Treaty		ORD	PCT/US10/38820	16-Jun-2010	WO 2011/005441	13-Jan-2011				Inactive	IDEAL Industries Lighting LLC	Solid State Lighting Device with Improved Heat Sink	
P1097	European Patent Convention		PCT	10080798.4	28-Feb-2012	2462377	13-Jun-2012	2462377	25-Feb-2015	29-Jun-2030	Granted	IDEAL Industries Lighting LLC	Solid State Lighting Device with Improved Heat Sink	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LT; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; SE; SI; SK; SM; TR
P1097	Patent Cooperation Treaty		ORD	PCT/US10/040470	29-Jun-2010	WO 2011/018929	10-Feb-2011				Inactive	IDEAL Industries Lighting LLC	Solid State Lighting Device with Improved Heat Sink	

P1097	United States of America	2	ODN	13/052,064	20-Mar-2011	US 2011/0189631	14-Jul-2011	8,382,509	29-Jan-2013	04-Aug-2029	Granted	IDEAL Industries Lighting LLC	Solid State Lighting Device with Improved HeatSink	
P1097	United States of America	1	ORD	12/035,383	04-Aug-2009	US 2010/0132878	03-Jun-2010	7,932,532	26-Apr-2011	04-Aug-2029	Granted	IDEAL Industries Lighting LLC	Solid State Lighting Device with Improved HeatSink	
P1097	Korea, Republic of		PCT	10-2012-7075/19	02-Mar-2012			10-1794803	28-Jul-2017	29-Jun-2030	Abandoned	IDEAL Industries Lighting LLC	Solid State Lighting Device with Improved HeatSink	
P1097	Germany		EPP	1808798.4	29-Jun-2010	2480277	13-Jun-2012	63201002677.8	25-Feb-2015	29-Jun-2030	Granted	IDEAL Industries Lighting LLC	Solid State Lighting Device with Improved HeatSink	
P1097	China (People's Republic)		PCT	201003034678.8	06-Feb-2012	CN102472428 A	22-May-2012	ZL201000334678.8	31-Aug-2016	29-Jun-2030	Abandoned	IDEAL Industries Lighting LLC	Solid State Lighting Device with Improved HeatSink	
P1097	India		PCT	1937CHENP/2012	01-Mar-2012	1907CHENP/2012	19-Apr-2013			29-Jun-2030	Abandoned	IDEAL Industries Lighting LLC	Solid State Lighting Device with Improved HeatSink	
P1098	Germany		EPP	10757845.6	10-Aug-2010	2480072	27-Jun-2012	2480072	21-Sep-2016	10-Aug-2030	Granted	IDEAL Industries Lighting LLC	White Light Color Changing Solid State Lighting and Methods	
P1098	United States of America	1	ORD	12/544,131	18-Aug-2009	US2011-0843137-A1	24-Feb-2011	8,588,809	03-Dec-2010	24-Apr-2031	Granted	IDEAL Industries Lighting LLC	White Light Color Changing Solid State Lighting and Methods	
P1098	Patent Cooperation Treaty		ORD	PCT/US2010/02211	10-Aug-2010	WO2011/022039	24-Feb-2011				Inactive	IDEAL Industries Lighting LLC	White Light Color Changing Solid State Lighting and Methods	
P1098	United Kingdom		EPP	10757845.8	10-Aug-2010	2480072	27-Jun-2012	2480072	21-Sep-2016	10-Aug-2030	Granted	IDEAL Industries Lighting LLC	White Light Color Changing Solid State Lighting and Methods	
P1098	European Patent Convention		PCT	10757845.6	22-Feb-2012	2480072	27-Jun-2012	2480072	21-Sep-2016	10-Aug-2030	Granted	IDEAL Industries Lighting LLC	White Light Color Changing Solid State Lighting and Methods	AL; AT; BE; BO; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LU; LT; LV; MC; MK; MT; NL; NO; PL; PT; RO; SE; SI; SK; SM; TR
P1098	European Patent Convention	2	DIV	13197857.9	10-Aug-2010						Abandoned	IDEAL Industries Lighting LLC	White Light Color Changing Solid State Lighting and Methods	
P1099	European Patent Convention		PCT	10709144.0	18-Jun-2012	EP2517536	31-Oct-2012				Abandoned	IDEAL Industries Lighting LLC	High CRI Adjustable Color Temperature Lighting Devices	
P1099	China (People's Republic)		PCT	20100092058.9	23-Jul-2012	CN102714897A	03-Oct-2012	ZL20100092058.9	12-Aug-2015	15-Dec-2030	Granted	IDEAL Industries Lighting LLC	High CRI Adjustable Color Temperature Lighting Devices	
P1099	Japan		PCT	2012-54460	15-Jun-2012	2013-515354	08-May-2013	5984238	08-Jul-2016	15-Dec-2030	Abandoned	IDEAL Industries Lighting LLC	High CRI Adjustable Color Temperature Lighting Devices	
P1099	United States of America	1	ORD	12/843,705	21-Dec-2009	US-2011-0149327-A1	23-Jun-2011	8,511,851	20-Aug-2010	01-Feb-2031	Granted	IDEAL Industries Lighting LLC	High CRI Adjustable Color Temperature Lighting Devices	
P1099	Taiwan		ORD	089145087	21-Dec-2010	201148075	18-Dec-2011				Abandoned	IDEAL Industries Lighting LLC	High CRI Adjustable Color Temperature Lighting Devices	
P1099	Korea, Republic of		PCT	10-2012-7019370	20-Jul-2012	10-2012-0105687	08-Oct-2012				Abandoned	IDEAL Industries Lighting LLC	High CRI Adjustable Color Temperature Lighting Devices	
P1099	Patent Cooperation Treaty		ORD	PCT/US2010/003190	15-Dec-2010	WO2011/084135	14-Jul-2011				Inactive	IDEAL Industries Lighting LLC	High CRI Adjustable Color Temperature Lighting Devices	
P1100	Patent Cooperation Treaty		ORD	PCT/US2011/000821	10-May-2011	WO2011/146104	24-Nov-2011				Inactive	IDEAL Industries Lighting LLC	Solid State Lighting Devices Utilizing Membranes	
P1100	United States of America	1	ORD	12/782,374	18-May-2010	US-2011-0285309-A1	24-Nov-2011	9,807,825	31-Oct-2017	02-Mar-2032	Granted	IDEAL Industries Lighting LLC	Solid State Lighting Devices Utilizing Membranes	
P1101	United States of America	1	ORD	12/838,568	14-Dec-2009	US-2011-0140593-A1	18-Jun-2011	8,486,611	18-Jun-2013	13-Oct-2031	Granted	IDEAL Industries Lighting LLC	Lighting Device with Shaped Remote Phosphor	
P1101	Germany		EPP	10789139.0	08-Dec-2010	2513553	24-Oct-2012	2513553	09-May-2016	08-Dec-2030	Granted	IDEAL Industries Lighting LLC	Lighting Device with Shaped Remote Phosphor	
P1101	China (People's Republic)		PCT	20100092058.8	23-Jul-2012	CN102741806A	17-Oct-2012	ZL20100092058.8	19-Sep-2015	08-Dec-2030	Granted	IDEAL Industries Lighting LLC	Lighting Device with Shaped Remote Phosphor	
P1101	European Patent Convention		PCT	10789139.0	18-Jun-2012	2513553	24-Oct-2012	2513553	09-May-2016	08-Dec-2030	Granted	IDEAL Industries Lighting LLC	Lighting Device with Shaped Remote Phosphor	AL; AT; BE; BO; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LU; LT; LV; MC; MK; MT; NL; NO; PL; PT; RO; SE; SI; SK; SM; TR
P1101	Taiwan		ORD	089143287	14-Dec-2010	201133955	01-Oct-2011				Abandoned	IDEAL Industries Lighting LLC	Lighting Device with Shaped Remote Phosphor	
P1101	Patent Cooperation Treaty		ORD	PCT/US2010/003148	08-Dec-2010	WO2011/081844	07-Jul-2011				Inactive	IDEAL Industries Lighting LLC	Lighting Device with Shaped Remote Phosphor	
P1101	Korea, Republic of		PCT	10-2012-7018407	08-Dec-2010	10-2012-0123232	08-Nov-2012				Abandoned	IDEAL Industries Lighting LLC	Lighting Device with Shaped Remote Phosphor	
P1101	Japan		PCT	2012-543088	01-Aug-2012	2013-513016	22-Apr-2013	5558951	13-Jun-2014	08-Dec-2030	Abandoned	IDEAL Industries Lighting LLC	Lighting Device with Shaped Remote Phosphor	
P1103	Germany		EPP	10819244.4	28-Mar-2012	2480023	01-Aug-2012	632010083754.9	01-Apr-2020	10-Sep-2030	Granted	IDEAL Industries Lighting LLC	Lighting Device with Defined Spectral Power Distribution	
P1103	United Kingdom		EPP	10819244.4	28-Mar-2012	2480023	01-Aug-2012	2480023	01-Apr-2020	10-Sep-2030	Granted	IDEAL Industries Lighting LLC	Lighting Device with Defined Spectral Power Distribution	AL; BA; BE; BO; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LU; LT; LV; MC; MK; MT; NL; NO; PL; PT; RO; SE; SI; SK; SM; TR
P1103	Netherlands		EPP	10819244.4	28-Mar-2012	2480023	01-Aug-2012	2480023	01-Apr-2020	10-Sep-2030	Granted	IDEAL Industries Lighting LLC	Lighting Device with Defined Spectral Power Distribution	
P1103	United States of America	1	ORD	12/588,253	24-Sep-2009	US 2011/0068698	24-Mar-2011	8,258,722	04-Sep-2012	21-Oct-2030	Granted	IDEAL Industries Lighting LLC	Lighting Device with Defined Spectral Power Distribution	
P1103	Patent Cooperation Treaty		ORD	PCT/US10/48544	10-Sep-2010	WO 2011/027767	31-Mar-2011				Inactive	IDEAL Industries Lighting LLC	Lighting Device with Defined Spectral Power Distribution	
P1103	Korea, Republic of		PCT	PCT/US10/48544	24-Apr-2012						Abandoned	IDEAL Industries Lighting LLC	Lighting Device with Defined Spectral Power Distribution	
P1103	European Patent Convention		PCT	10819244.4	28-Mar-2012	2480023	01-Aug-2012	2480023	01-Apr-2020	10-Sep-2030	Granted	IDEAL Industries Lighting LLC	Lighting Device with Defined Spectral Power Distribution	AL; AT; BE; BO; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LU; LT; LV; MC; MK; MT; NL; NO; PL; PT; RO; SE; SI; SK; SM; TR
P1103	China (People's Republic)		PCT	201000930703.0	23-May-2012	CN102687320 A	12-Sep-2012	ZL201000930703.0	26-Aug-2015	10-Sep-2030	Abandoned	IDEAL Industries Lighting LLC	Lighting Device with Defined Spectral Power Distribution	
P1111	Germany		EPP	10828417.1	17-Apr-2012	2486775	15-Aug-2012	2486775	12-Jun-2019	21-Sep-2030	Granted	IDEAL Industries Lighting LLC	Solid State Lighting Devices Including Thermal Management and Related Methods	
P1111	European Patent Convention		PCT	10828417.1	17-Apr-2012	2486775	15-Aug-2012	2486775	12-Jun-2019	21-Sep-2030	Granted	IDEAL Industries Lighting LLC	Solid State Lighting Devices Including Thermal Management and Related Methods	AL; AT; BA; BE; BO; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; JP; LU; LT; LV; MC; MK; MT; NL; NO; PL; PT; RO; SE; SI; SK; SM; TR
P1111	United States of America	1	ORD	12/574,061	06-Oct-2009	US-2011-0080116-A1	07-Apr-2011	8,350,500	08-Jan-2013	10-Mar-2030	Granted	IDEAL Industries Lighting LLC	Solid State Lighting Devices Including Thermal Management and Related Methods	
P1111	Patent Cooperation Treaty		ORD	PCT/US10/49577	21-Sep-2010	WO2011/049319	14-Apr-2011				Inactive	IDEAL Industries Lighting LLC	Solid State Lighting Devices Including Thermal Management and Related Methods	
P1118	Japan		PCT	2012-513072	25-Nov-2011	2012-528460	12-Nov-2012	5711727	13-Mar-2015	05-Apr-2030	Granted	IDEAL Industries Lighting LLC	Power Source Sensing dimming Circuits and Methods of Operating Same	
P1118	Germany		EPP	10711817.6	05-Apr-2010	2436232	04-Apr-2012	2436232	05-Mar-2014	05-Apr-2030	Granted	IDEAL Industries Lighting LLC	Power Source Sensing dimming Circuits and Methods of Operating Same	
P1118	China (People's Republic)		PCT	201000304459.3	29-Jan-2012	102588053	18-Jul-2012	ZL201000304459.3	25-Mar-2015	05-Apr-2030	Granted	IDEAL Industries Lighting LLC	Power Source Sensing dimming Circuits and Methods of Operating Same	
P1118	European Patent Convention		PCT	10711817.6	24-Nov-2011	2436232	04-Apr-2012	2436232	05-Mar-2014	05-Apr-2030	Granted	IDEAL Industries Lighting LLC	Power Source Sensing dimming Circuits and Methods of Operating Same	AT; BE; BO; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LU; LT; LV; MC; MK; MT; NL; NO; PL; PT; RO; SE; SI; SK; SM; TR
P1118	Korea, Republic of		PCT	10-2011-7029797	05-Apr-2010						Abandoned	IDEAL Industries Lighting LLC	Power Source Sensing dimming Circuits and Methods of Operating Same	
P1118	Taiwan		ORD	089115881	19-May-2010	201112861	01-Apr-2011				Abandoned	IDEAL Industries Lighting LLC	Power Source Sensing dimming Circuits and Methods of Operating Same	
P1118	United States of America	1	ORD	12/473,821	28-May-2009	US-2010-0201751-A1	02-Dec-2010	8,217,591	10-Jul-2012	17-Jun-2030	Granted	IDEAL Industries Lighting LLC	Power Source Sensing dimming Circuits and Methods of Operating Same	

P1118	Patent Cooperation Treaty		ORD	PCT/US10/02897	05-Apr-2010						Inactive	IDEAL Industries Lighting LLC	Power Source Sensing dimming Circuits and Methods of Operating Same	
P1118	United Kingdom		EPP	10711817.8	05-Apr-2010	243032	04-Apr-2012	243032	05-Mar-2014	05-Apr-2030	Granted	IDEAL Industries Lighting LLC	Power Source Sensing dimming Circuits and Methods of Operating Same	
P1119	United States of America	3	DIV	14457,859	12-Aug-2014	20140350270	04-Dec-2014	9,933,148	03-Apr-2018	08-Jun-2030	Granted	IDEAL Industries Lighting LLC	LED Light Bulbs	
P1119	European Patent Convention		PCT	11792890.3	08-Dec-2012	2580518	17-Apr-2013				Abandoned	IDEAL Industries Lighting LLC	LED LIGHT BULBS	
P1119	United States of America	2	ODN	14057,869	18-Oct-2013	US 2014/03943625	13-Feb-2014	8,858,029	14-Oct-2014	08-Jun-2030	Granted	IDEAL Industries Lighting LLC	LED Light Bulbs	
P1119	Brazil		PCT	112012014807	16-Nov-2012						Abandoned	IDEAL Industries Lighting LLC	LED LIGHT BULBS	
P1119	China (People's Republic)		PCT	201180028958.9	10-Dec-2012	CN 103052032 A	17-Apr-2013	ZL20110002656.9	21-Oct-2015	27-May-2031	Granted	IDEAL Industries Lighting LLC	LED LIGHT BULBS	
P1119	China (People's Republic)	2	DIV	201510595873	17-Sep-2015	CN105179869	23-Dec-2015	ZL201510595873	11-Dec-2018	27-May-2031	Granted	IDEAL Industries Lighting LLC	A LED Light Bulb and a Light Fixture Having the Same	
P1119	India		PCT	72CHENPI2013	03-Jan-2013	72CHENPI2013	27-Jun-2014			27-May-2031	Abandoned	IDEAL Industries Lighting LLC	LED Light Bulbs	
P1119	United States of America	1	ORD	12708,555	08-Jun-2010	US 2011/0260371	08-Dec-2011	8,598,021	03-Dec-2013	03-Oct-2031	Granted	IDEAL Industries Lighting LLC	LED Light Bulbs	
P1119	United States of America	4	ODN	14718,262	21-May-2015	20150252960	10-Sep-2015	10,107,487	23-Oct-2018	08-Jun-2030	Granted	IDEAL Industries Lighting LLC	LED Light Bulbs	
P1119	Patent Cooperation Treaty		ORD	PCT/US11/38454	27-May-2011	WO 2011/158158	15-Dec-2011				Inactive	IDEAL Industries Lighting LLC	LED Light Bulbs	
P1119	Korea, Republic of		PCT	10-2013-700421	07-Jan-2013						Abandoned	IDEAL Industries Lighting LLC	LED LIGHT BULBS	
P1119	Japan		PCT	2013314208	07-Dec-2012	2013-533581	22-Aug-2013	5795632	21-Aug-2015	27-May-2031	Granted	IDEAL Industries Lighting LLC	LED Light Bulbs	
P1128	Germany		EPP	10819249.3	29-Mar-2012	2471347	04-Jul-2012	2471347	10-Jul-2019	13-Sep-2030	Granted	IDEAL Industries Lighting LLC	Solid State Lighting Apparatus with Compensation Bypass Circuits and Methods of Operation Thereof	
P1128	United States of America	0	PRQ	81/203,300	08-Jan-2010					08-Jan-2010	Expired	IDEAL Industries Lighting LLC	Solid State Lighting Apparatus with Controllable Bypass Circuits and Methods of Operation Thereof	
P1128	European Patent Convention		PCT	10819249.3	29-Mar-2012	2471347	04-Jul-2012	2471347	10-Jul-2019	13-Sep-2030	Granted	IDEAL Industries Lighting LLC	Solid State Lighting Apparatus with Compensation Bypass Circuits and Methods of Operation Thereof	AL; AT; BA; BE; BO; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; KH; LI; LV; LU; MC; MK; ME; MI; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TN; TR
P1128	United States of America	0-2	PRQ	81/204,468	14-Jan-2010					14-Jan-2011	Expired	IDEAL Industries Lighting LLC	Solid State Lighting Apparatus with Controllable Bypass Circuits and Methods of Operation Thereof	
P1128	Taiwan		ORD	099131743	17-Sep-2010	201125439	18-Jul-2011				Abandoned	IDEAL Industries Lighting LLC	Solid State Lighting Apparatus with Compensation Bypass Circuits and Methods of Operation Thereof	
P1128	United States of America	2	CIP	12704,730	12-Feb-2010	20110080791	24-Mar-2011	10,264,637	18-Apr-2019	12-Jan-2033	Granted	IDEAL Industries Lighting LLC	Solid State Lighting Apparatus with Compensation Bypass Circuits and Methods of Operation Thereof	
P1128	Patent Cooperation Treaty		ORD	PCT/US10/48567	13-Sep-2010	WO 2011/037774	31-Mar-2011				Inactive	IDEAL Industries Lighting LLC	Solid State Lighting Apparatus with Compensation Bypass Circuits and Methods of Operation Thereof	
P1128	United States of America	1	ORD	12568,195	24-Sep-2009	US-2011-008702-A1	24-Mar-2011	9,713,211	16-Jul-2017	03-May-2030	Granted	IDEAL Industries Lighting LLC	Solid State Lighting Apparatus with Controllable Bypass Circuits and Methods of Operation Thereof	
P1128	China (People's Republic)		PCT	201100053242.7	23-May-2012	102068718	12-Sep-2012	ZL201100053242.7	09-Mar-2016	13-Sep-2030	Abandoned	IDEAL Industries Lighting LLC	Solid State Lighting Apparatus with Compensation Bypass Circuits and Methods of Operation Thereof	
P1129	Germany		EPP	10774320.5	21-Oct-2010	EP2494268	05-Sep-2012	2494268	19-Apr-2017	21-Oct-2030	Granted	IDEAL Industries Lighting LLC	Hybrid Reflector System for Lighting Device	
P1129	European Patent Convention		PCT	10774320.5	14-May-2012	EP2494268	05-Sep-2012	2494268	19-Apr-2017	21-Oct-2030	Granted	IDEAL Industries Lighting LLC	Hybrid Reflector System for Lighting Device	AL; AT; BE; BO; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TN; TR
P1129	Taiwan		ORD	099138758	27-Oct-2010	201128137	16-Aug-2011	1588409	21-Jun-2017	27-Oct-2030	Abandoned	IDEAL Industries Lighting LLC	Hybrid Reflector System for Lighting Device	
P1129	United States of America	1	ORD	12908,377	27-Oct-2009	US-2011-009548-A1	28-Apr-2011	9,435,493	08-Sep-2018	25-Jul-2030	Granted	IDEAL Industries Lighting LLC	Hybrid Reflector System for Lighting Device	
P1129	Patent Cooperation Treaty		ORD	PCT/US2010/028207	21-Oct-2010	WO2011/056197	12-May-2011				Inactive	IDEAL Industries Lighting LLC	Hybrid Reflector System for Lighting Device	
P1138	Patent Cooperation Treaty		ORD	PCT/US2011/023903	07-Feb-2011	WO2011/100193	18-Aug-2011				Inactive	IDEAL Industries Lighting LLC	Solid State Lighting with Heat Sink	
P1138	Taiwan		ORD	100104374	10-Feb-2011	201139932	18-Nov-2011				Abandoned	IDEAL Industries Lighting LLC	Solid State Lighting with Heat Sink	
P1138	China (People's Republic)		PCT	2011800180349	12-Oct-2012	CN102844919A	28-Dec-2012	ZL201180018034.9	28-Dec-2016	07-Feb-2031	Granted	IDEAL Industries Lighting LLC	Lighting Device with Heat Dissipation Elements	
P1138	United States of America	0	PRQ	81/203,789	12-Feb-2010					12-Feb-2011	Expired	IDEAL Industries Lighting LLC	Lighting Device with Heat Dissipation Elements	
P1138	United States of America	1	ORD	13022,142	07-Feb-2011	US 2011-0267821-A1	03-Nov-2011			07-Feb-2031	Abandoned	IDEAL Industries Lighting LLC	Solid State Lighting with Heat Sink	
P1142	United States of America	1	ORD	12730,802	24-Mar-2010	US 2011/0234081	26-Sep-2011	9,039,271	26-May-2015	20-Jun-2032	Granted	IDEAL Industries Lighting LLC	Interface and Fabrication Method for Lighting and Other Electrical Devices	
P1142	European Patent Convention		PCT	1175980.7	10-Oct-2012	2550477	30-Jan-2013	2550477	14-Sep-2016	08-Feb-2031	Granted	IDEAL Industries Lighting LLC	Interface and Fabrication Method for Lighting and Other Electrical Devices	AL; AT; BE; BO; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TN; TR
P1142	China (People's Republic)		PCT	201180025507.7	22-Nov-2012	10206490	30-Jan-2013	ZL201180025507.7	27-Apr-2016	08-Feb-2031	Granted	IDEAL Industries Lighting LLC	Interface and Fabrication Method for Lighting and Other Electrical Devices	
P1142	Japan		PCT	2013301265	21-Nov-2012	2013-528994	11-Jul-2013	5988299	15-Jul-2016	08-Feb-2031	Granted	IDEAL Industries Lighting LLC	Interface and Fabrication Method for Lighting and Other Electrical Devices	
P1142	United States of America	2	ODN	14718,882	21-May-2015	20150252957	19-Sep-2015	9,752,733	05-Sep-2017	20-Sep-2030	Granted	IDEAL Industries Lighting LLC	Interface and Fabrication Method for Lighting and Other Electrical Devices	
P1142	Patent Cooperation Treaty		ORD	PCT/US2011/024008	08-Feb-2011	WO 2011/1119280	29-Sep-2011				Inactive	IDEAL Industries Lighting LLC	Interface and Fabrication Method for Lighting and Other Electrical Devices	
P1142	United Kingdom		EPP	1175980.7	08-Feb-2011	2550477	30-Jan-2013	2550477	14-Sep-2016	08-Feb-2031	Granted	IDEAL Industries Lighting LLC	Interface and Fabrication Method for Lighting and Other Electrical Devices	
P1143	Patent Cooperation Treaty		ORD	PCT/US11/23907	07-Feb-2011	WO2011/100195	18-Aug-2011				Inactive	IDEAL Industries Lighting LLC	Solid State Lighting Device, and Method of Assembling the Same	
P1143	China (People's Republic)		PCT	201180032972	13-Aug-2012	102782291	14-Nov-2012	ZL201180032972	03-Aug-2016	07-Feb-2031	Granted	IDEAL Industries Lighting LLC	Solid State Lighting Device and Method of Assembling the Same	
P1143	United States of America	0	PRQ	81/203,787	12-Feb-2010					12-Feb-2011	Expired	IDEAL Industries Lighting LLC	Solid State Lighting Device, and Method of Assembling the Same	
P1143	United States of America	1	ORD	13022,180	07-Feb-2011	US-2011-0267812-A1	03-Nov-2011	9,175,811	03-Nov-2015	20-Sep-2032	Granted	IDEAL Industries Lighting LLC	Solid State Lighting Device, and Method of Assembling the Same	
P1144	United States of America	1	ORD	12998,908	26-Sep-2009	US-2011-0075423-A1	31-Mar-2011	9,353,933	31-May-2016	25-Sep-2029	Granted	IDEAL Industries Lighting LLC	Light Device with Position Retaining Element	
P1147	Patent Cooperation Treaty		ORD	PCT/US2011/42338	29-Jun-2011	WO2012/015556	02-Feb-2012				Inactive	IDEAL Industries Lighting LLC	Lighting Devices that Comprise One or More Solid State Lighting Elements	
P1147	United States of America	1	ORD	12944,008	29-Jul-2010	US-2012-0025235-A1	02-Feb-2012	8,896,005	25-Nov-2014	29-Jul-2030	Granted	IDEAL Industries Lighting LLC	Lighting Devices that Comprise One or More Solid State Lighting Elements	
P1189	Patent Cooperation Treaty		ORD	PCT/US2011/010403	02-Mar-2011	WO2011/100996	09-Sep-2011				Inactive	IDEAL Industries Lighting LLC	LED Lamp Incorporating Remote Phosphor with Heat Dissipation Features	

P1189	United States of America	1	OP	13/029,025	16-Feb-2011	US-2011-0215701-A1	08-Sep-2011	9,550,325	22-Nov-2016	20-Mar-2021	Granted	IDEAL Industries Lighting LLC	LED Lamp Incorporating Remote Phosphor with Heat Dissipation Features	
P1189	Taiwan		ORD	100107043	02-Mar-2011	201144805	18-Dec-2011				Abandoned	IDEAL Industries Lighting LLC	LED Lamp Incorporating Remote Phosphor with Heat Dissipation Features	
P1189	China (People's Republic)		PCT	20110022385.9	02-Mar-2011	CN103030917	27-Mar-2013				Abandoned	IDEAL Industries Lighting LLC	LED Lamp Incorporating Remote Phosphor with Heat Dissipation Features	
P1189	United States of America	0	PRD	61/239,516	03-Mar-2010					03-Sep-2011	Expired	IDEAL Industries Lighting LLC	LED Lamp Incorporating Remote Phosphor with Heat Dissipation Features	
P1170	United States of America	1	PR	12/981,380	06-Dec-2010	US-2012-0140462-A1	07-Jun-2012	8,556,499	15-Oct-2013	07-Nov-2021	Granted	IDEAL Industries Lighting LLC	High Efficiency Total Internal Reflection Optic for Solid State Lighting Luminaires	
P1170	Patent Cooperation Treaty		ORD	PCT/US2011/030444	29-Nov-2011	WO2012/070412	14-Jun-2012				Inactive	IDEAL Industries Lighting LLC	High Efficiency Total Internal Reflection Optic for Solid State Lighting Luminaires	
P1170	European Patent Convention		PCT	11801904.1	29-Nov-2011	2649404	16-Oct-2013	2649404	05-Jan-2020	29-Nov-2021	Granted	IDEAL Industries Lighting LLC	High Efficiency Total Internal Reflection Optic for Solid State Lighting Luminaires	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LU; LT; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TR
P1170	United Kingdom		EPP	11801904.1	29-Nov-2011	2649404	16-Oct-2013	2649404	05-Jan-2020	29-Nov-2021	Granted	IDEAL Industries Lighting LLC	High Efficiency Total Internal Reflection Optic for Solid State Lighting Luminaires	AL; BM; FJ; FK; GD; GG; GJ; GY; HK; JE; KR; KY; MS; NR; SB; SC; SH; SL; TC; TW; VC; VG; VU
P1171	United States of America	1	ORD	12/855,500	12-Aug-2010	US-2012-003973-A1	18-Feb-2012	8,764,224	01-Jul-2014	11-Jan-2022	Granted	IDEAL Industries Lighting LLC	Luminaire with Distributed LED Sources	
P1171	Patent Cooperation Treaty		ORD	PCT/US2011/01394	04-Aug-2011	WO2012/021159	18-Feb-2012				Inactive	IDEAL Industries Lighting LLC	Luminaire with Distributed LED Sources	
P1171	India		PCT	PCT/US2011/01394	10-Mar-2012						Abandoned	IDEAL Industries Lighting LLC	Luminaire with Distributed LED Sources	
P1171	European Patent Convention		PCT	11757984.7	04-Aug-2011	2603733	19-Jun-2013				Abandoned	IDEAL Industries Lighting LLC	Luminaire with Distributed LED Sources	
P1171	China (People's Republic)		PCT	20110047098.4	23-Mar-2012	CN103140711A	05-Jun-2013				Abandoned	IDEAL Industries Lighting LLC	Luminaire with Distributed LED Sources	
P1173	United States of America	1	ORD	12/568,850	25-Sep-2009	US-2011-0074285-A1	31-Mar-2011	9,464,801	11-Oct-2016	09-Apr-2032	Granted	IDEAL Industries Lighting LLC	Lighting Device with One or More Removable Heat Sink Elements	
P1173	Patent Cooperation Treaty		ORD	PCT/US2010/049598	21-Sep-2010	WO2011/037878	31-Mar-2011				Inactive	IDEAL Industries Lighting LLC	Lighting Device with One or More Removable Heat Sink Elements	
P1174	European Patent Convention		PCT	11748495.6	29-Jun-2011	2604091	19-Jun-2013	2604091	19-Dec-2020	29-Jun-2021	Granted	IDEAL Industries Lighting LLC	Lighting Device with Removable Light Engine Components, Lighting Device Elements and Methods	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LU; LT; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TR
P1174	Patent Cooperation Treaty		ORD	PCT/US2011/042340	29-Jun-2011	WO2012/021223	18-Feb-2012				Inactive	IDEAL Industries Lighting LLC	Lighting Device with Removable Light Engine Components, Lighting Device Elements and Methods	
P1174	United States of America	2	DIV	14/201,152	22-Dec-2014	2015-0130760	21-May-2015	9,644,822	09-May-2017	21-Dec-2030	Granted	IDEAL Industries Lighting LLC	Lighting Device with Removable Light Engine Components, Lighting Device Elements and Methods	
P1174	Korea, Republic of		PCT	10-2013-7035983	08-Mar-2013						Abandoned	IDEAL Industries Lighting LLC	Lighting Device with Removable Light Engine Components, Lighting Device Elements and Methods	
P1174	United States of America	1	ORD	12/852,849	09-Aug-2010	US-2012-003429-A1	09-Feb-2012	8,990,909	24-Feb-2015	09-May-2032	Granted	IDEAL Industries Lighting LLC	Lighting Device with Removable Light Engine Components, Lighting Device Elements and Methods	
P1174	Germany		EPP	11748495.6	29-Jun-2011	2604091	19-Jun-2013	6301108959.9	16-Dec-2020	29-Jun-2021	Granted	IDEAL Industries Lighting LLC	Lighting Device with Removable Light Engine Components, Lighting Device Elements and Methods	
P1174	Netherlands		EPP	11748495.6	29-Jun-2011	2604091	19-Jun-2013	2604091	16-Dec-2020	29-Jun-2021	Granted	IDEAL Industries Lighting LLC	Lighting Device with Removable Light Engine Components, Lighting Device Elements and Methods	
P1177	China (People's Republic)		PCT	20100042700.7	21-Sep-2010	CN102609030A	19-Sep-2012	ZL201000342700.7	29-Jun-2016	21-Sep-2030	Granted	IDEAL Industries Lighting LLC	Lighting Device Having First, Second and Third Outputs of Solid State Light Emitters, and Lighting Arrangement	
P1177	European Patent Convention		PCT	10/78950.7	29-Mar-2012	2480822	01-Aug-2012	2480822	28-Jun-2017	21-Sep-2030	Granted	IDEAL Industries Lighting LLC	Lighting Devices Comprising Solid State Light Emitters	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LU; LT; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TR
P1177	Korea, Republic of		PCT	10-2012-7010290	24-Apr-2012			10-1641280	18-Mar-2016	21-Sep-2030	Granted	IDEAL Industries Lighting LLC	Lighting Devices Comprising Solid State Light Emitters	
P1177	Taiwan		ORD	099132313	24-Sep-2010	201111678	01-Apr-2011	0567325	21-Jan-2017	24-Sep-2030	Abandoned	IDEAL Industries Lighting LLC	Lighting Devices Comprising Solid State Light Emitters	
P1177	Taiwan	2	DIV	105130881	24-Sep-2010	201718720	16-May-2017	0582008	21-Jul-2017	24-Sep-2030	Abandoned	IDEAL Industries Lighting LLC	Lighting Devices Comprising Solid State Light Emitters	
P1177	Patent Cooperation Treaty		ORD	PCT/US2011/049598	21-Sep-2010	WO2011/037884	31-Mar-2011				Inactive	IDEAL Industries Lighting LLC	Lighting Devices Comprising Solid State Light Emitters	
P1177	Germany		EPP	1078950.7	21-Sep-2010	2480822	01-Aug-2012	2480822	28-Jun-2017	21-Sep-2030	Granted	IDEAL Industries Lighting LLC	Lighting Devices Comprising Solid State Light Emitters	
P1177	United States of America	2	DDN	14/212,284	14-Mar-2014	US2014-0198503	17-Jul-2014	9,458,959	04-Oct-2016	26-Jan-2030	Granted	IDEAL Industries Lighting LLC	Lighting Devices Comprising Solid State Light Emitters	
P1177	United States of America	1	ORD	12/568,881	25-Sep-2009	US-2011-0075422-A1	31-Mar-2011	9,777,449	15-Jul-2014	10-Aug-2030	Granted	IDEAL Industries Lighting LLC	Lighting Devices Comprising Solid State Light Emitters	
P1179	China (People's Republic)		PCT	20110009999.3	16-Aug-2012	CN102763490A	31-Oct-2012				Abandoned	IDEAL Industries Lighting LLC	COLOR CONTROL OF LIGHT EMITTING DEVICES AND APPLICATIONS THEREOF	
P1179	Patent Cooperation Treaty		ORD	PCT/US2011/024268	10-Feb-2011	WO 2011/112302	15-Sep-2011				Inactive	IDEAL Industries Lighting LLC	COLOR CONTROL OF LIGHT EMITTING DEVICES AND APPLICATIONS THEREOF	
P1179	United States of America	1	ORD	12/708,370	16-Feb-2010	US 2011/0169010	16-Aug-2011	9,468,070	11-Oct-2016	28-Nov-2030	Granted	IDEAL Industries Lighting LLC	COLOR CONTROL OF LIGHT EMITTING DEVICES AND APPLICATIONS THEREOF	
P1179	Korea, Republic of		PCT	10-2012-7024033	14-Sep-2012						Abandoned	IDEAL Industries Lighting LLC	COLOR CONTROL OF LIGHT EMITTING DEVICES AND APPLICATIONS THEREOF	
P1179	Taiwan		ORD	100104485	10-Feb-2011	201134309	01-Oct-2011				Abandoned	IDEAL Industries Lighting LLC	COLOR CONTROL OF LIGHT EMITTING DEVICES AND APPLICATIONS THEREOF	
P1181	United States of America	2	OP	12/821,970	19-Nov-2009	US-2011-0075414-A1	31-Mar-2011	9,285,103	15-Mar-2016	02-Jun-2032	Granted	IDEAL Industries Lighting LLC	Light Engines for Lighting Devices	
P1181	Taiwan		ORD	99132312	24-Sep-2010	201115060	01-May-2011	0551807	01-Oct-2016	24-Sep-2030	Granted	IDEAL Industries Lighting LLC	Light Engines for Lighting Devices	
P1181	Patent Cooperation Treaty		ORD	PCT/US2010/049598	21-Sep-2010	WO2011/037879	31-Mar-2011				Inactive	IDEAL Industries Lighting LLC	Light Engines for Lighting Devices	
P1181	United States of America	1	ORD	12/568,857	25-Sep-2009	US-2011-0075411-A1	31-Mar-2011	9,068,719	30-Jun-2015	21-Oct-2030	Granted	IDEAL Industries Lighting LLC	Light Engines for Lighting Devices	
P1181	India		PCT	3624CHENP/2012	23-Apr-2012	3624CHENP/2012	26-Jul-2013				Abandoned	IDEAL Industries Lighting LLC	Light Engines for Lighting Devices	
P1181	European Patent Convention		PCT	10789392.4	21-Sep-2010	2480824	01-Aug-2012	2480824	07-Sep-2016	21-Sep-2030	Granted	IDEAL Industries Lighting LLC	Light Engines for Lighting Devices	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LU; LT; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TR
P1181	China (People's Republic)		PCT	20100042857.X	21-Sep-2010	CN102689937A	19-Sep-2012				Abandoned	IDEAL Industries Lighting LLC	Light Engines for Lighting Devices	
P1181	Germany		EPP	10789392.4	21-Sep-2010	2480824	01-Aug-2012	2480824	07-Sep-2016	21-Sep-2030	Granted	IDEAL Industries Lighting LLC	Light Engines for Lighting Devices	
P1181	Korea, Republic of		PCT	10-2012-7010528	24-Apr-2012			10-1798249	09-Nov-2017	21-Sep-2030	Granted	IDEAL Industries Lighting LLC	Light Engines for Lighting Devices	
P1182	United States of America	1	DES	29/344,218	25-Sep-2009			0633,090	22-Feb-2011	22-Feb-2025	Granted	IDEAL Industries Lighting LLC	SLED	
P1182	China (People's Republic)		DES	201030142470.4	23-Mar-2010			ZL201020142470.4	20-Oct-2010	23-Mar-2020	Expired	IDEAL Industries Lighting LLC	Light Engine for a Lighting Device	
P1182	European Community		DES	001682121-0001	18-Mar-2010			001682121-0001	18-Mar-2010	18-Mar-2025	Granted	IDEAL Industries Lighting LLC	SLED	

P1182	Taiwan		DES	09031055	05-Mar-2010			D142716	11-Sep-2011	05-Mar-2022	Abandoned	IDEAL Industries Lighting LLC	SLED	
P1182	United Kingdom		RFD	90018221-0001	18-Mar-2010			90018221-0001	18-Mar-2010	18-Mar-2025	Granted	IDEAL Industries Lighting LLC	SLED	
P1183	United States of America	1	DES	29344,219	25-Sep-2009			D638,180	17-May-2011	17-May-2025	Granted	IDEAL Industries Lighting LLC	Lighting Device	
P1187	Taiwan		ORD	100107048	02-Mar-2011	201202628	16-Jan-2012				Abandoned	IDEAL Industries Lighting LLC	LED Based Pedestal-Type Lighting Structure	
P1187	Japan	2	OPP	2014-122943	13-Jun-2014						Abandoned	IDEAL Industries Lighting LLC	LED Based Pedestal-Type Lighting Structure	
P1187	European Patent Convention		PCT	11709232.0	03-Oct-2012	2542822	09-Jan-2013				Abandoned	IDEAL Industries Lighting LLC	LED Based Pedestal-Type Lighting Structure	
P1187	China (People's Republic)		PCT	201180020709.2	24-Oct-2012	CN102859259A	02-Jan-2013	ZL201180020709.2	02-Nov-2016	02-Mar-2021	Granted	IDEAL Industries Lighting LLC	LED Based Pedestal-Type Lighting Structure	
P1187	Japan		PCT	2012556083	03-Sep-2012			5564121	20-Jun-2014	02-Mar-2021	Granted	IDEAL Industries Lighting LLC	LED Based Pedestal-Type Lighting Structure	
P1187	United States of America	1	ORD	12848,825	02-Aug-2010	US-2011-0215896-A1	08-Sep-2011	8,562,161	22-Oct-2013	13-Jul-2021	Granted	IDEAL Industries Lighting LLC	LED Based Pedestal-Type Lighting Structure	
P1187	Korea, Republic of		PCT	10-2012-7025848	02-Oct-2012	10-2013-0028210	11-Apr-2013				Abandoned	IDEAL Industries Lighting LLC	LED Based Pedestal-Type Lighting Structure	
P1187	United States of America	2	DIV	14/014,272	28-Aug-2013	US2014-0003048-A1	02-Jan-2014	9,217,544	22-Dec-2015	02-Aug-2030	Granted	IDEAL Industries Lighting LLC	LED Based Pedestal-Type Lighting Structure	
P1187	Patent Cooperation Treaty		ORD	PCT/US2011/03097	02-Mar-2011	WO2011/106091	09-Sep-2011				Inactive	IDEAL Industries Lighting LLC	LED Based Pedestal-Type Lighting Structure	
P1187	India		PCT	2563KOLNP/2012	10-Sep-2012						Abandoned	IDEAL Industries Lighting LLC	LED Based Pedestal-Type Lighting Structure	
P1188	United States of America	1	ORD	12775,842	07-May-2010	US2011-0273102-A1	10-Nov-2011	8,476,838	02-Jul-2013	23-Feb-2031	Granted	IDEAL Industries Lighting LLC	AC Driven Solid State Lighting Apparatus with LED String Including Switched Segments	
P1188	Taiwan		ORD	100118016	06-May-2011						Abandoned	IDEAL Industries Lighting LLC	AC Driven Solid State Lighting Apparatus with LED String Including Switched Segments	
P1188	China (People's Republic)		PCT	201180022813.5	06-Nov-2012	102870501	05-Jan-2013	ZL201180022813.5	08-Jul-2016	25-Apr-2031	Granted	IDEAL Industries Lighting LLC	AC Driven Solid State Lighting Apparatus with LED String Including Switched Segments	
P1188	Germany		EPP	1177787.0	25-Apr-2011	2567597	13-Mar-2013	2567597	14-Dec-2016	25-Apr-2031	Granted	IDEAL Industries Lighting LLC	AC Driven Solid State Lighting Apparatus with LED String Including Switched Segments	
P1188	European Patent Convention		PCT	1177787.0	30-Oct-2012	2567597	13-Mar-2013	2567597	14-Dec-2016	25-Apr-2031	Granted	IDEAL Industries Lighting LLC	AC Driven Solid State Lighting Apparatus with LED String Including Switched Segments	AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LI, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR
P1188	United States of America	2	DDN	13919,568	03-Jul-2013	2013028584	31-Oct-2013	9,131,569	08-Sep-2015	07-May-2030	Granted	IDEAL Industries Lighting LLC	AC Driven Solid State Lighting Apparatus with LED String Including Switched Segments	
P1188	Patent Cooperation Treaty		ORD	PCT/US2011/033738	25-Apr-2011	WO2011/139424 A1	10-Nov-2011				Inactive	IDEAL Industries Lighting LLC	AC Driven Solid State Lighting Apparatus with LED String Including Switched Segments	
P1188	Japan		PCT	2013-509109	09-Nov-2012	2013-525989	20-Jun-2013	5540150	09-May-2014	25-Apr-2031	Granted	IDEAL Industries Lighting LLC	AC Driven Solid State Lighting Apparatus with LED String Including Switched Segments	
P1188	United Kingdom		EPP	1177787.0	25-Apr-2011	2567597	13-Mar-2013	2567597	14-Dec-2016	25-Apr-2031	Granted	IDEAL Industries Lighting LLC	AC Driven Solid State Lighting Apparatus with LED String Including Switched Segments	
P1188	Korea, Republic of		PCT	10-2012-7028011	25-Apr-2011						Abandoned	IDEAL Industries Lighting LLC	AC Driven Solid State Lighting Apparatus with LED String Including Switched Segments	
P1194	China (People's Republic)		PCT	20180095791.X	14-Jun-2012	CN102667318.A	12-Sep-2012	ZL201080058791.X	11-Mar-2015	14-Sep-2030	Granted	IDEAL Industries Lighting LLC	Lamp Assemblies and Methods of Making the Same	
P1194	United States of America	1	ORD	12578,948	15-Oct-2009	US-2011-090891	21-Apr-2011	8,602,593	10-Dec-2013	03-Jan-2032	Granted	IDEAL Industries Lighting LLC	Lamp Assemblies and Methods of Making the Same	
P1194	Patent Cooperation Treaty		ORD	PCT/US10/48789	14-Sep-2010	WO-2011-049695	21-Apr-2011				Inactive	IDEAL Industries Lighting LLC	Lamp Assemblies and Methods of Making the Same	
P1200	Taiwan		ORD	100107012	02-Mar-2011	201144683	16-Dec-2011				Abandoned	IDEAL Industries Lighting LLC	Solid State Lamp with Thermal Spreading Element and Light Directing Optics	
P1200	United States of America	1	ORD	13/029,068	16-Feb-2011	US-2011-0215345-A1	08-Sep-2011	10,356,151	23-Jul-2019	14-Feb-2032	Granted	IDEAL Industries Lighting LLC	Solid State Lamp with Thermal Spreading Element and Light Directing Optics	
P1200	China (People's Republic)		PCT	201180022583.2	05-Nov-2012	CN103189358.A	28-Jun-2013	ZL201180022583.2	05-Jun-2016	02-Mar-2031	Granted	IDEAL Industries Lighting LLC	Solid State Lamp with Thermal Spreading Element and Light Directing Optics	
P1200	Patent Cooperation Treaty		ORD	PCT/US2011/030369	02-Mar-2011	WO2011/106089	03-Sep-2012				Inactive	IDEAL Industries Lighting LLC	Solid State Lamp with Thermal Spreading Element and Light Directing Optics	
P1208	United States of America	1	DES	29346,180	20-Oct-2009			D659,253	20-Mar-2012	20-Mar-2028	Granted	IDEAL Industries Lighting LLC	Lamp	
P1209	United States of America	1	DES	29346,181	20-Oct-2009			D659,254	20-Mar-2012	20-Mar-2028	Granted	IDEAL Industries Lighting LLC	Lamp	
P1216	United States of America	1	ORD								Inactive	IDEAL Industries Lighting LLC	Hurricane II with Omni-directional Output	
P1218	European Patent Convention		PCT	12705961.6	23-Aug-2013	2867619	06-Jan-2014				Abandoned	IDEAL Industries Lighting LLC	Light Devices, Display Devices, Backlighting Devices, Edge-Lighting Devices, Combination Backlighting and Edge-Lighting Devices	
P1218	Patent Cooperation Treaty		ORD	PCT/US12/25593	17-Feb-2012	WO2012/110827	07-Sep-2012				Inactive	IDEAL Industries Lighting LLC	Light Devices, Display Devices, Backlighting Devices, Edge-Lighting Devices, Combination Backlighting and Edge-Lighting Devices	
P1218	China (People's Republic)		PCT	20180010642.9	27-Aug-2013	CN103415804A	27-Nov-2013				Abandoned	IDEAL Industries Lighting LLC	Light Devices, Display Devices, Backlighting Devices, Edge-Lighting Devices, Combination Backlighting and Edge-Lighting Devices	
P1218	United States of America	1	OP	13/042,063	08-Mar-2011	US-2011-0242453-A1	06-Oct-2011	9,361,428	20-Mar-2016	14-Apr-2031	Granted	IDEAL Industries Lighting LLC	Light Devices, Display Devices, Backlighting Devices, Edge-Lighting Devices, Combination Backlighting and Edge-Lighting Devices	
P1218	United States of America	0	PRD	61/447,373	28-Feb-2011					28-Feb-2012	Expired	IDEAL Industries Lighting LLC	Backlighting Devices, Edge-Lighting Devices, Combination Backlighting and Edge-Lighting Devices and Display Devices Incorporating Same	
P1219	China (People's Republic)		PCT	201180022821.4	05-Nov-2012	CN102884356.A	16-Jan-2013				Abandoned	IDEAL Industries Lighting LLC	LED Lamp with Remote Phosphor and Diffuser Configuration	
P1219	United States of America	1	ORD	13/018,245	31-Jan-2011	US-2011-0267800-A1	03-Nov-2011	9,316,361	19-Apr-2016	01-Nov-2033	Granted	IDEAL Industries Lighting LLC	LED Lamp with Remote Phosphor and Diffuser Configuration	
P1219	United States of America	0	PRD	61/239,515	03-Mar-2010					03-Mar-2011	Expired	IDEAL Industries Lighting LLC	LED Lamp with remote Phosphor and Diffuser Configuration	
P1219	Taiwan		ORD	100107042	02-Mar-2011	201202628	16-Jan-2012				Abandoned	IDEAL Industries Lighting LLC	LED Lamp with Remote Phosphor and Diffuser Configuration	
P1219	Japan		PCT	2012-556084	03-Sep-2012	2013-528830	11-Jul-2013			02-Mar-2021	Published	IDEAL Industries Lighting LLC	LED Lamp with Remote Phosphor and Diffuser Configuration	
P1219	Patent Cooperation Treaty		ORD	PCT/US2011/030368	02-Mar-2011	WO2011/106092	09-Sep-2011				Inactive	IDEAL Industries Lighting LLC	LED Lamp with Remote Phosphor and Diffuser Configuration	
P1219	Korea, Republic of		PCT	10-2012-7025903	02-Oct-2012	10-2013-0028220	11-Apr-2013				Abandoned	IDEAL Industries Lighting LLC	LED Lamp with Remote Phosphor and Diffuser Configuration	
P1220	United States of America	1	FRI	13/028,495	14-Feb-2011	US-2012-0208911-A1	18-Aug-2012	10,352,547	16-Jul-2019	05-May-2033	Granted	IDEAL Industries Lighting LLC	Lighting Devices, Fixture Structures and Components for Use Therein	
P1221	United States of America	1	ORD								Inactive	IDEAL Industries Lighting LLC	Power Over Ethernet LED Lighting Module	
P1223	United States of America	1	DES	29353,000	15-Jan-2010			D639,921	28-Apr-2011	28-Apr-2025	Granted	IDEAL Industries Lighting LLC	Lighting Device	

P1224	China (People's Republic)		PCT	201280017380.1	08-Oct-2013						Abandoned	IDEAL Industries Lighting LLC	SOLID STATE LIGHTING DEVICE WITH ELONGATED HEATSINK	
P1224	Korea, Republic of		PCT	10-2013-7023478	04-Sep-2013						Abandoned	IDEAL Industries Lighting LLC	SOLID STATE LIGHTING DEVICE WITH ELONGATED HEATSINK	
P1224	United States of America	1	ORD	13/022,533	07-Feb-2011	US 2012/0201622	09-Aug-2012	8,794,793	05-Aug-2014	18-Jan-2032	Granted	IDEAL Industries Lighting LLC	SOLID STATE LIGHTING DEVICE WITH ELONGATED HEATSINK	
P1224	Patent Cooperation Treaty		ORD	PCT/US2012/023342	31-Jan-2012	WO 2012/09059	16-Aug-2012				Inactive	IDEAL Industries Lighting LLC	SOLID STATE LIGHTING DEVICE WITH ELONGATED HEATSINK	
P1224	European Patent Convention		PCT	12744589.8	06-Sep-2013	2673560	18-Dec-2013				Abandoned	IDEAL Industries Lighting LLC	SOLID STATE LIGHTING DEVICE WITH ELONGATED HEATSINK	
P1227	United States of America	1	ORD	12/778,947	10-May-2010	US-2011-0182065-A1	28-Jul-2011	8,568,118	13-Aug-2013	10-May-2020	Granted	IDEAL Industries Lighting LLC	Lighting Device with Multi-Chip Light Emitters, Solid State Light Emitter Support Members and Lighting Elements	
P1227	United States of America	0-3	PRD	81/269,163	28-Jan-2010					28-Jan-2011	Expired	IDEAL Industries Lighting LLC	Spatial Rotation of Multi-Chip LEDs in Multi-LED Systems for Color Uniformity	
P1227	Germany		EPP	11701919.0	21-Jan-2011	2529146A	05-Dec-2012	2529146	15-Jan-2016	21-Jan-2031	Granted	IDEAL Industries Lighting LLC	Lighting Device with Multi-Chip Light Emitters, Solid State Light Emitter Support Members and Lighting Elements	
P1227	European Patent Convention		PCT	11701919.0	21-Jan-2011	2529146A	05-Dec-2012	2529146	15-Jan-2016	21-Jan-2031	Granted	IDEAL Industries Lighting LLC	Lighting Device with Multi-Chip Light Emitters, Solid State Light Emitter Support Members and Lighting Elements	AL; AT; BE; B0; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TR
P1227	Taiwan		ORD	100102804	29-Jan-2011	201239817	01-Sep-2012				Abandoned	IDEAL Industries Lighting LLC	Lighting Device with Multi-Chip Light Emitters, Solid State Light Emitter Support Members and Lighting Elements	
P1227	United States of America	0-4	PRD	81/269,654	28-Jan-2010					29-Jan-2011	Expired	IDEAL Industries Lighting LLC	Spatial Rotation of Multi-Chip LEDs in Multi-LED Systems for Color Uniformity	
P1227	Patent Cooperation Treaty		ORD	PCT/2011/021988	21-Jan-2011	WO2011/094122	04-Aug-2011				Inactive	IDEAL Industries Lighting LLC	Lighting Device with Multi-Chip Light Emitters, Solid State Light Emitter Support Members and Lighting Elements	
P1227	United States of America	0-1	PRD	81/268,701	27-Jan-2010					27-Jan-2011	Expired	IDEAL Industries Lighting LLC	Spatial Rotation of Multi-Chip LEDs in Multi-LED Systems for Color Uniformity	
P1227	United States of America	0-2	PRD	81/269,154	28-Jan-2010					28-Jan-2011	Expired	IDEAL Industries Lighting LLC	Spatial Rotation of Multi-Chip LEDs in Multi-LED Systems for Color Uniformity	
P1227	China (People's Republic)		PCT	2011800145109	18-Sep-2012	102812284	05-Dec-2012	ZL201180014510.9	13-Jul-2016	21-Jan-2031	Granted	IDEAL Industries Lighting LLC	Lighting Device with Multi-Chip Light Emitters, Solid State Light Emitter Support Members and Lighting Elements	
P1228	Patent Cooperation Treaty		ORD	PCT/US2011/010391	02-Mar-2011	WO2011/106988	09-Sep-2011				Inactive	IDEAL Industries Lighting LLC	LED Lamp with Active Cooling Element	
P1228	Taiwan		ORD	100107051	02-Mar-2011	201144588	16-Dec-2011				Abandoned	IDEAL Industries Lighting LLC	LED Lamp With Active Cooling Element	
P1228	Taiwan	2	ORD	100107045	02-Mar-2011	201142198	01-Dec-2011				Abandoned	IDEAL Industries Lighting LLC	LED Lamp with Active Cooling Element	
P1228	United States of America	1	ORD	12/985,275	05-Jan-2011	US-2011-0215997-A1	08-Sep-2011	9,925,105	18-Apr-2017	25-Jul-2021	Granted	IDEAL Industries Lighting LLC	LED Lamp with Active Cooling Element	
P1228	Patent Cooperation Treaty	2	ORD	PCT/US2011/010402	02-Mar-2011	WO2011/106995	09-Sep-2011				Inactive	IDEAL Industries Lighting LLC	LED Lamp with Active Cooling Element	
P1228	United States of America	2	OP	13/022,480	07-Feb-2011	US-2011-0215988-A1	08-Sep-2011	8,931,933	13-Jan-2015	18-Jan-2031	Granted	IDEAL Industries Lighting LLC	LED Lamp with Active Cooling Element	
P1232	Japan		PCT	2013-533674	11-Apr-2013	2013-542570	21-Nov-2013	5913332	08-Apr-2016	30-Sep-2031	Abandoned	IDEAL Industries Lighting LLC	Optical Element Edge Treatment for Lighting Device	
P1232	Patent Cooperation Treaty		ORD	PCT/US2011/054148	30-Sep-2011	WO 2012/050303	19-Apr-2012				Inactive	IDEAL Industries Lighting LLC	LIGHTING DEVICE WITH REMOTE LUMIPHOR AND NON-PLANAR OPTICAL ELEMENT	
P1232	United States of America	1	ORD	12/905,054	14-Oct-2010	US 2012/0092850	18-Apr-2012	9,140,429	22-Sep-2015	01-May-2031	Granted	IDEAL Industries Lighting LLC	OPTICAL ELEMENT EDGE TREATMENT FOR LIGHTING DEVICE	
P1232	European Patent Convention		PCT	11833122.2	29-Apr-2013	2627945	24-Jul-2013	2627945	27-Feb-2019	30-Sep-2031	Granted	IDEAL Industries Lighting LLC	Optical Element Edge Treatment for Lighting Device	AL; AT; BE; B0; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TR
P1232	Germany		EPP	11833122.2	30-Sep-2011	2627945	24-Jul-2013	2627945	27-Feb-2019	30-Sep-2031	Abandoned	IDEAL Industries Lighting LLC	Optical Element Edge Treatment for Lighting Device	
P1232	China (People's Republic)		PCT	201180048864.7	15-Apr-2013	CN103168197A	19-Jun-2013				Abandoned	IDEAL Industries Lighting LLC	OPTICAL ELEMENT EDGE TREATMENT FOR LIGHTING DEVICE	
P1232	United States of America	2	ODN	13/984,480	17-Apr-2013	US 2013/0229789	05-Sep-2013	9,335,029	10-May-2016	14-Oct-2030	Granted	IDEAL Industries Lighting LLC	LIGHTING DEVICE WITH REMOTE LUMIPHOR AND NON-PLANAR OPTICAL ELEMENT	
P1233	United States of America	1	ORD	12/941,012	05-Nov-2010	US 2012/0112814	10-May-2012	9,848,873	09-May-2017	05-Nov-2030	Granted	IDEAL Industries Lighting LLC	LIGHTING DEVICE WITH SPATIALLY SEGREGATED PRIMARY AND SECONDARY EMITTERS	
P1233	Patent Cooperation Treaty		ORD	PCT/US2011/054156	30-Sep-2011	WO 2012/063951	10-May-2012				Inactive	IDEAL Industries Lighting LLC	LIGHTING DEVICE WITH SPATIALLY SEGREGATED PRIMARY AND SECONDARY EMITTERS	
P1234	United States of America	1	OP	12/835,380	13-Jul-2010	US 2011-0075410-A1	31-Mar-2011	8,884,558	01-Apr-2014	31-Aug-2032	Granted	IDEAL Industries Lighting LLC	Light Emitting Diode(LED) Lighting Systems Including Low Absorption, Controlled Reflectance and Diffusion Layers	
P1235	Germany		EPP	12714154.7	18-Nov-2013	2699843	28-Feb-2014	2699843	01-Jan-2020	29-Mar-2032	Granted	IDEAL Industries Lighting LLC	Heat Sink Structures, Lighting Elements and Lamps Incorporating Same, and Methods of Making Same	
P1235	European Patent Convention		PCT	12714154.7	18-Nov-2013	2699843	28-Feb-2014	2699843	01-Jan-2020	29-Mar-2032	Granted	IDEAL Industries Lighting LLC	Heat Sink Structures, Lighting Elements and Lamps Incorporating Same, and Methods of Making Same	AL; AT; BE; B0; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TR
P1235	United States of America	1	ORD	13/028,807	19-Apr-2011	US2012/0269536	25-Oct-2012	10,030,883	24-Jul-2016	25-Mar-2034	Granted	IDEAL Industries Lighting LLC	Heat Sink Structures, Lighting Elements and Lamps Incorporating Same, and Methods of Making Same	
P1235	Patent Cooperation Treaty		ORD	PCT/US2012/031142	29-Mar-2012	WO2012/145139	26-Oct-2012				Inactive	IDEAL Industries Lighting LLC	Heat Sink Structures, Lighting Elements and Lamps Incorporating Same, and Methods of Making Same	
P1236	Germany		EPP	11710348.1	31-Aug-2012	2542834	09-Jan-2013	2542834	05-Feb-2020	02-Mar-2031	Granted	IDEAL Industries Lighting LLC	LED Lamp or Bulb with Remote Phosphor and Diffuser Configuration with Enhanced Scattering Properties	
P1236	European Patent Convention		PCT	11710348.1	31-Aug-2012	2542834	09-Jan-2013	2542834	05-Feb-2020	02-Mar-2031	Granted	IDEAL Industries Lighting LLC	LED Lamp or Bulb with Remote Phosphor and Diffuser Configuration with Enhanced Scattering Properties	AL; AT; BA; BE; B0; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; KH; LI; LT; LU; LV; MA; MD; ME; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TN; TR
P1236	United States of America	1	ORD	13/018,281	31-Jan-2011	US-2011-0267801-A1	03-Nov-2011	8,882,284	11-Nov-2014	05-Mar-2032	Granted	IDEAL Industries Lighting LLC	LED Lamp or Bulb with Remote Phosphor and Diffuser Configuration with Enhanced Scattering Properties	
P1236	Patent Cooperation Treaty		ORD	PCT/US2011/030407	02-Mar-2011	WO2011/106100	09-Sep-2011				Inactive	IDEAL Industries Lighting LLC	LED Lamp or Bulb with Remote Phosphor and Diffuser Configuration with Enhanced Scattering Properties	
P1236	China (People's Republic)		PCT	20118002824.8	05-Nov-2012	CN103003925	27-Mar-2013	ZL20118002824.8	22-Mar-2017	02-Mar-2031	Granted	IDEAL Industries Lighting LLC	LED Lamp or Bulb with Remote Phosphor and Diffuser Configuration with Enhanced Scattering Properties	
P1236	Japan		PCT	2012-556069	03-Sep-2012			5588024	01-Aug-2014	02-Mar-2031	Granted	IDEAL Industries Lighting LLC	LED Lamp or Bulb with Remote Phosphor and Diffuser Configuration with Enhanced Scattering Properties	
P1236	Taiwan		ORD	100107368	02-Mar-2011	201142189	01-Dec-2011				Abandoned	IDEAL Industries Lighting LLC	LED Lamp or Bulb with Remote Phosphor and Diffuser Configuration with Enhanced Scattering Properties	
P1237	Germany		EPP	1170612.5	03-Oct-2012	2542824	09-Jan-2013	2542824	25-Dec-2019	02-Mar-2031	Granted	IDEAL Industries Lighting LLC	Enhanced Color rendering Index Emitter Through Phosphor Separation	
P1237	Japan		PCT	2012-556065	03-Sep-2012	2012-516312	15-Jun-2017				Abandoned	IDEAL Industries Lighting LLC	Enhanced Color rendering Index Emitter Through Phosphor Separation	
P1237	United States of America	0	PRD	81/424,885	19-Dec-2010					19-Dec-2011	Expired	IDEAL Industries Lighting LLC	Enhanced Color rendering Index Emitter Through Phosphor Separation	
P1237	United States of America	1	ORD	13/028,883	16-Feb-2011	US-2011-028514-A1	22-Sep-2011	8,275,979	01-Mar-2016	27-Apr-2032	Abandoned	IDEAL Industries Lighting LLC	Enhanced Color rendering Index Emitter Through Phosphor Separation	
P1237	Korea, Republic of		PCT	10-2012-7028295	02-Mar-2011	10-2013-0203077	10-Mar-2013				Abandoned	IDEAL Industries Lighting LLC	Enhanced Color rendering Index Emitter Through Phosphor Separation	
P1237	China (People's Republic)		PCT	201180020708.9	24-Oct-2012	CN102890256A	02-Jan-2013			02-Mar-2031	Abandoned	IDEAL Industries Lighting LLC	Enhanced Color rendering Index Emitter Through Phosphor Separation	

P1237	Patent Cooperation Treaty		ORD	PCT/US2011/04004	02-Mar-2011	WO2011/06997	09-Sep-2011			Inactive	IDEAL Industries Lighting LLC	Enhanced Color Rendering Index Emitter Through Phosphor Separation		
P1237	European Patent Convention		PCT	1170612.5	03-Oct-2012	2542024	09-Jan-2013	2542024	25-Dec-2010	02-Mar-2011	Granted	IDEAL Industries Lighting LLC	Enhanced Color Rendering Index Emitter Through Phosphor Separation	AL; AT; BA; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; KH; LI; LT; LU; LV; MA; MC; MD; ME; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TN; TR
P1237	Taiwan		ORD	100107308	02-Mar-2011	201142214	01-Dec-2011				Abandoned	IDEAL Industries Lighting LLC	Enhanced Color Rendering Index Emitter Through Phosphor Separation	
P1244	China (People's Republic)		PCT	201180004286.8	20-Apr-2012	102575638	11-Jul-2012				Abandoned	IDEAL Industries Lighting LLC	Lighting Devices Including Thermally Conductive Housings and Related Structures	
P1244	European Patent Convention		PCT	11702919.0	29-Mar-2012						Abandoned	IDEAL Industries Lighting LLC	Lighting Devices Including Thermally Conductive Housings and Related Structures	
P1244	Korea, Republic of		PCT	10-2012-7010737	26-Apr-2012						Abandoned	IDEAL Industries Lighting LLC	Lighting Devices Including Thermally Conductive Housings and Related Structures	
P1244	United States of America	1	CIP	12735.200	07-Jun-2010	20110074269	31-Mar-2011	8,602,579	10-Dec-2013	23-May-2020	Granted	IDEAL Industries Lighting LLC	Lighting Devices Including Thermally Conductive Housings and Related Structures	
P1244	Patent Cooperation Treaty		ORD	PCT/US2011/038956	03-Jun-2011	WO2011/158213A1	15-Dec-2011				Inactive	IDEAL Industries Lighting LLC	Lighting Devices Including Thermally Conductive Housings and Related Structures	
P1245	United States of America	3	CIP	12737.567	28-May-2010	US 2011/0242815	06-Oct-2011	8,602,611	10-Dec-2013	04-Sep-2021	Granted	IDEAL Industries Lighting LLC	Decorative and Functional Light-Emitting Device Lighting Fixtures	
P1245	United States of America	1	ORD	12751.477	31-Mar-2010	US 2011/0242813	06-Oct-2011	8,620,971	02-Sep-2014	01-Jul-2021	Granted	IDEAL Industries Lighting LLC	Decorative and Functional Light-Emitting Device Lighting Fixtures	
P1245	United States of America	4	DES	29/34, 659	25-Jun-2010			D641,090	05-Jul-2011	05-Jul-2025	Granted	IDEAL Industries Lighting LLC	Decorative and Functional Light-Emitting Device Lighting Fixtures	
P1245	United States of America	2	CIP	12773.652	04-May-2010	US 2011/0242814	06-Oct-2011	8,454,202	04-Jun-2015	08-Jul-2020	Granted	IDEAL Industries Lighting LLC	Decorative and Functional Light-Emitting Device Lighting Fixtures	
P1246	Germany		EPP	11759897.9	19-Sep-2012	2550714	30-Jan-2013	602011073706.6	09-Mar-2023	10-Mar-2021	Granted	IDEAL Industries Lighting LLC	Fault Detection Circuits for Switched Mode Power Supplies and Related Methods of Operation	
P1246	United States of America	1	ORD	12758.573	08-Apr-2010	US 2011/0234255-A1	29-Sep-2011	8,680,884	25-Mar-2014	30-Dec-2021	Granted	IDEAL Industries Lighting LLC	Fault Detection Circuits for Switched Mode Power Supplies and Related Methods of Operation	
P1246	Patent Cooperation Treaty		ORD	PCT/US2011/027892	10-Mar-2011	WO2011/193444A1	29-Sep-2011				Inactive	IDEAL Industries Lighting LLC	Fault Detection Circuits for Switched mode Power Supplies and Related Methods of Operation	
P1246	European Patent Convention		PCT	11759897.9	19-Sep-2012	2550714	30-Jan-2013	2550714	09-Mar-2023	10-Mar-2021	Granted	IDEAL Industries Lighting LLC	Fault Detection Circuits for Switched Mode Power Supplies and Related Methods of Operation	AL; AT; BA; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LT; LU; LV; MA; MC; MD; ME; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TN; TR
P1246	United States of America	0	PRD	61371.486	25-Mar-2010					25-Mar-2011	Expired	IDEAL Industries Lighting LLC	Fault Detection Circuits For Switched mode Power Supplies and Related Methods of Operation	
P1253	United States of America	0	PRD	61318.005	29-Mar-2010					26-Mar-2011	Expired	IDEAL Industries Lighting LLC	Stored Energy Dissipating Circuits and Methods for Switched Mode Power Supplies	
P1253	United States of America	1	ORD	12624.042	28-Jun-2010	US 2011/0235774-A1	29-Sep-2011	8,537,569	17-Sep-2013	28-Jan-2021	Granted	IDEAL Industries Lighting LLC	Stored Energy Dissipating Circuits and Methods for Switched Mode Power Supplies	
P1253	Patent Cooperation Treaty		ORD	PCT/US2011/029578	23-Mar-2011	WO2011/19700A1	29-Sep-2011				Inactive	IDEAL Industries Lighting LLC	Stored Energy Dissipating Circuits and Methods for Switched Mode Power Supplies	
P1253	China (People's Republic)		PCT	201180025975.4	26-Sep-2012	102808958	30-Jan-2013	ZL201180025975.4	23-Nov-2016	23-Mar-2021	Granted	IDEAL Industries Lighting LLC	Stored Energy Dissipating Circuits and Methods for Switched Mode Power Supplies	
P1253	European Patent Convention		PCT	11760128.6	25-Sep-2012	2553787	08-Feb-2013	2553787	02-Mar-2022	23-Mar-2021	Granted	IDEAL Industries Lighting LLC	Stored Energy Dissipating Circuits and Methods for Switched Mode Power Supplies	AL; AT; BA; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; KH; LI; LT; LU; LV; MA; MC; MD; ME; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TN; TR
P1253	Korea, Republic of		PCT	10-2012-7026909	11-Oct-2012						Abandoned	IDEAL Industries Lighting LLC	Stored Energy Dissipating Circuits and Methods for Switched Mode Power Supplies	
P1253	Germany		EPP	11760128.6	25-Sep-2012	2553787	08-Feb-2013	2553787	02-Mar-2022	23-Mar-2021	Granted	IDEAL Industries Lighting LLC	Stored Energy Dissipating Circuits and Methods for Switched Mode Power Supplies	
P1253	United Kingdom		EPP	11760128.6	25-Sep-2012	2553787	08-Feb-2013	2553787	02-Mar-2022	23-Mar-2021	Granted	IDEAL Industries Lighting LLC	Stored Energy Dissipating Circuits and Methods for Switched Mode Power Supplies	AL; BA; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; KH; LI; LU; LV; MA; MC; MD; ME; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TN; TR
P1254	Netherlands		EPP	11760131.0	25-Sep-2012	2553667	08-Feb-2013	2553667	30-Oct-2019	23-Mar-2021	Granted	IDEAL Industries Lighting LLC	Dynamic Loading of Power Supplies	
P1254	Germany		EPP	11760131.0	25-Sep-2012	2553667	08-Feb-2013	602011063056.3	30-Oct-2019	23-Mar-2021	Granted	IDEAL Industries Lighting LLC	Dynamic Loading of Power Supplies	
P1254	United States of America	0	PRD	61318.010	26-Mar-2010					26-Mar-2011	Expired	IDEAL Industries Lighting LLC	Dynamic Loading of Power Supplies	
P1254	United States of America	1	ORD	12624.819	28-Jun-2010	US 2011/0234123-A1	29-Sep-2011	9,041,311	26-May-2015	14-Dec-2022	Granted	IDEAL Industries Lighting LLC	Dynamic Loading of Power Supplies	
P1254	China (People's Republic)		PCT	201180026029.1	26-Nov-2012	102906797	30-Jan-2013	ZL201180026029.1	23-Sep-2015	23-Mar-2021	Granted	IDEAL Industries Lighting LLC	Dynamic Loading of Power Supplies	
P1254	Patent Cooperation Treaty		ORD	PCT/US2011/029585	23-Mar-2011	WO2011/19705A1	29-Sep-2011				Inactive	IDEAL Industries Lighting LLC	Dynamic Loading of Power Supplies	
P1254	European Patent Convention		PCT	11760131.0	25-Sep-2012	2553667	08-Feb-2013	2553667	30-Oct-2019	23-Mar-2021	Granted	IDEAL Industries Lighting LLC	Dynamic Loading of Power Supplies	AL; AT; BA; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; KH; LI; LT; LU; LV; MA; MC; MD; ME; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TN; TR
P1258	China (People's Republic)		ORD	201180032027.8	09-May-2011	CN102947843A	27-Feb-2013	ZL201180032027.8	08-Dec-2017	09-May-2021	Granted	IDEAL Industries Lighting LLC	Optical Element for a Light Source and Lighting System Using Same	
P1258	European Patent Convention		PCT	1172679.9	09-May-2011	2569575	20-Mar-2013	2569575	17-Jan-2018	09-May-2021	Granted	IDEAL Industries Lighting LLC	Optical Element for a Light Source and Lighting System Using Same	AL; AT; BA; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LT; LU; LV; MA; MC; MD; ME; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TN; TR
P1258	United States of America	1	ORD	12778.789	10-May-2010	US 2011/0273882	10-Nov-2011	9,157,602	13-Oct-2015	18-Feb-2021	Granted	IDEAL Industries Lighting LLC	Optical Element for a Light Source and Lighting System Using Same	
P1258	Patent Cooperation Treaty		ORD	PCT/US2011/035890	09-May-2011	WO2011/143068	17-Nov-2011				Inactive	IDEAL Industries Lighting LLC	Optical Element for a Light Source and Lighting System Using Same	
P1258	Taiwan		ORD	100116389	10-May-2011	201202751	16-Jan-2012	1464458	11-Dec-2014	10-May-2021	Granted	IDEAL Industries Lighting LLC	Optical Element for a Light Source and Lighting System Using the Same	
P1258	Germany		EPP	1172679.9	09-May-2011	2569575	20-Mar-2013	2569575	17-Jan-2018	09-May-2021	Granted	IDEAL Industries Lighting LLC	Optical Element for a Light Source and Lighting System Using Same	
P1265	Japan		PCT	2010543207	09-Jun-2010	2013545254	19-Dec-2010	6204194	08-Sep-2017	29-Nov-2021	Abandoned	IDEAL Industries Lighting LLC	Troffer-Style Optical Assembly	
P1265	European Patent Convention		PCT	11802568.3	29-Nov-2011	2649365	16-Oct-2013				Abandoned	IDEAL Industries Lighting LLC	Troffer-Style Optical Assembly	
P1265	India		PCT	1501/KOLNP/2013	05-May-2013						Abandoned	IDEAL Industries Lighting LLC	Troffer-Style Optical Assembly	
P1265	Korea, Republic of		PCT	10-2013-7017076	06-Jul-2013	10-2013-9122648	07-Nov-2013				Abandoned	IDEAL Industries Lighting LLC	Troffer-Style Optical Assembly	
P1265	United States of America	1	ORD	12961.385	06-Dec-2010	US 2012/0140461-A1	07-Jun-2012	9,494,263	15-Nov-2016	20-May-2021	Granted	IDEAL Industries Lighting LLC	Troffer-Style Optical Assembly	
P1265	Patent Cooperation Treaty		ORD	PCT/US2011/032398	29-Nov-2011	WO2012/074030	14-Jun-2012				Inactive	IDEAL Industries Lighting LLC	Troffer-Style Optical Assembly	
P1265	China (People's Republic)		PCT	201180058877.0	06-Jun-2013	CN103261739A	21-Aug-2013	ZL201180058877.0	22-Mar-2019	29-Nov-2021	Granted	IDEAL Industries Lighting LLC	Troffer-Style Optical Assembly	
P1289	Taiwan		ORD	100116449	11-May-2011	201211442	18-Mar-2012	1532947	11-May-2016	11-May-2021	Abandoned	IDEAL Industries Lighting LLC	Lighting Device and Method of Making	
P1289	United States of America	0	PRD	61324.360	13-May-2010					13-May-2011	Expired	IDEAL Industries Lighting LLC	Lighting Device and Method of Making	
P1289	United States of America	1	ORD	13104.469	10-May-2011	US 2011/0279015	17-Nov-2011	8,896,197	25-Nov-2014	28-Oct-2021	Granted	IDEAL Industries Lighting LLC	Lighting Device and Method of Making	

P1269	Patent Cooperation Treaty		ORD	PCT/US2011/033698	10-May-2011	WO2011/143197	17-Nov-2011			Inactive	IDEAL Industries Lighting LLC	Lighting Device and Method of Making		
P1270	China (People's Republic)		PCT	20110030943.0	08-Feb-2013	CN103089213	29-Oct-2014	ZL20110030943.0	29-Oct-2014	03-Jun-2011	Granted	IDEAL Industries Lighting LLC	Lighting Devices with Differential Light Transmission Regens	
P1270	United States of America	1	ORD	12/79,549	08-Jun-2010	US 2011/0268205	08-Dec-2011	8,575,838	05-Nov-2013	05-Sep-2032	Granted	IDEAL Industries Lighting LLC	Lighting Devices with Differential Light Transmission Regens	
P1270	Patent Cooperation Treaty		ORD	PCT/US2011/039604	03-Jun-2011	WO 2011/156230	15-Dec-2011				Inactive	IDEAL Industries Lighting LLC	Lighting Devices with Differential Light Transmission Regens	
P1270	Japan		PCT	2013-514236	07-Dec-2012	2013-508315	08-Jul-2013	5814355	02-Oct-2015	03-Jun-2011	Granted	IDEAL Industries Lighting LLC	Lighting Devices with Differential Light Transmission Regens	
P1270	Korea, Republic of		PCT	10-2013-700042	07-Jan-2013						Abandoned	IDEAL Industries Lighting LLC	Lighting Devices with Differential Light Transmission Regens	
P1271	Korea, Republic of		PCT	10-2012-700374	13-Feb-2012			10-1207455	20-May-2012	03-Jun-2011	Abandoned	IDEAL Industries Lighting LLC	LIGHTING DEVICE WITH REVERSE TAPERED HEATSINK	
P1271	India		PCT	1044/CHENP/2012	01-Feb-2012	1044/CHENP/2012	19-Oct-2012	324514	06-Nov-2019	03-Jun-2011	Abandoned	IDEAL Industries Lighting LLC	Lighting Device with Reverse Tapered Heatsink	
P1271	China (People's Republic)		PCT	20110004124.1	23-Jan-2012	CN102689943A	19-Sep-2012	ZL20110004124.1	25-Mar-2015	03-Jun-2011	Granted	IDEAL Industries Lighting LLC	LIGHTING DEVICE WITH REVERSE TAPERED HEATSINK	
P1271	Germany		EPP	11790482.1	03-Jun-2011	2448108	02-May-2012	602011016922.7	22-Jul-2015	03-Jun-2011	Granted	IDEAL Industries Lighting LLC	Lighting Device with Reverse Tapered Heatsink	
P1271	Germany	2	EDV	12152017	03-Jun-2011	2450815	09-May-2012	602011014239.9	25-Feb-2015	03-Jun-2011	Granted	IDEAL Industries Lighting LLC	Lighting Device with Reverse Tapered Heatsink	
P1271	Brazil		PCT	1120120026650	08-Feb-2012	2359	22-Mar-2016			03-Jun-2011	Abandoned	IDEAL Industries Lighting LLC	LIGHTING DEVICE WITH REVERSE TAPERED HEATSINK	
P1271	Japan		PCT	2013-513380	23-Mar-2012	2013-527580	27-Jun-2013	5530580	09-May-2014	03-Jun-2011	Abandoned	IDEAL Industries Lighting LLC	LIGHTING DEVICE WITH REVERSE TAPERED HEATSINK	
P1271	European Patent Convention	2	DIV	12152017.6	27-Jan-2012	2450815	09-May-2012	2450815	25-Feb-2015	03-Jun-2011	Granted	IDEAL Industries Lighting LLC	LIGHTING DEVICE WITH REVERSE TAPERED HEATSINK	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LU; LT; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TR
P1271	United States of America	2	DIV	13941,851	03-Jul-2012	2012/00287	08-Nov-2012	8,779,650	15-Jul-2014	28-Jun-2030	Granted	IDEAL Industries Lighting LLC	LIGHTING DEVICE WITH REVERSE TAPERED HEATSINK	
P1271	United States of America	1	ORD	12/74,559	04-Jun-2010	US 2011/0268200	08-Dec-2011	8,227,981	24-Jul-2012	08-Oct-2030	Granted	IDEAL Industries Lighting LLC	Lighting Device with Reverse Tapered Heatsink	
P1271	United States of America	3	ODN	13888,868	21-May-2013	US 2013/0257280	03-Oct-2013	8,552,926	08-Oct-2013	04-Jun-2030	Granted	IDEAL Industries Lighting LLC	LIGHTING DEVICE WITH REVERSE TAPERED HEATSINK	
P1271	Patent Cooperation Treaty		ORD	PCT/US2011/029105	03-Jun-2011	WO 2011/153458	08-Dec-2011				Inactive	IDEAL Industries Lighting LLC	Lighting Device with Reverse Tapered Heatsink	
P1271	Russian Federation		PCT	2012103752	30-Jan-2012			2527556	15-Jul-2014	03-Jun-2011	Abandoned	IDEAL Industries Lighting LLC	LIGHTING DEVICE WITH REVERSE TAPERED HEATSINK	
P1271	European Patent Convention		PCT	11790482.1	27-Jan-2012	2448108	02-May-2012	2448108	22-Jul-2015	03-Jun-2011	Granted	IDEAL Industries Lighting LLC	LIGHTING DEVICE WITH REVERSE TAPERED HEATSINK	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LU; LT; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TR
P1275	United States of America	1	ORD	12/74,491	04-Jun-2010	US 2011-0293284-A1	08-Dec-2011	8,884,559	01-Apr-2014	01-Sep-2031	Granted	IDEAL Industries Lighting LLC	Solid State Light Source Emitting Warm Light with High CRI	
P1275	United States of America	2	ODN	14168,004	24-Feb-2014	US2014-0186989	19-Jun-2014	9,599,291	21-Mar-2017	08-Aug-2030	Granted	IDEAL Industries Lighting LLC	Solid State Light Source Emitting Warm Light with High CRI	
P1275	Patent Cooperation Treaty		ORD	PCT/US2011/011011	03-Jun-2011	WO 2011/152879	08-Dec-2011				Inactive	IDEAL Industries Lighting LLC	Solid State Light Source Emitting Warm Light with High CRI	
P1288	United States of America	1	ORD	13/042,868	08-Mar-2011	US2012-0229032	13-Sep-2012	8,847,513	03-Sep-2014	12-Jan-2032	Granted	IDEAL Industries Lighting LLC	Method and Apparatus for Controlling Light Output Color and/or Brightness	
P1288	European Patent Convention		PCT	12711482.5	19-Sep-2013	2684422	15-Jan-2014	2684422	23-Jan-2019	17-Feb-2032	Granted	IDEAL Industries Lighting LLC	Method and Apparatus for Controlling Light Output Color and/or Brightness	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LU; LT; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TR
P1288	Patent Cooperation Treaty		ORD	PCT/US12/25297	17-Feb-2012	WO2012/121880	13-Sep-2012				Inactive	IDEAL Industries Lighting LLC	Method and Apparatus for Controlling Light Output Color and/or Brightness	
P1288	Germany		EPP	12711482.5	17-Feb-2012	2684422	15-Jan-2014	2684422	23-Jan-2019	17-Feb-2032	Granted	IDEAL Industries Lighting LLC	Method and Apparatus for Controlling Light Output Color and/or Brightness	
P1287	European Patent Convention		PCT	11838411.4	03-Jun-2013	2635841	11-Sep-2013	2635841	24-Aug-2018	30-Sep-2031	Granted	IDEAL Industries Lighting LLC	Lighting Device with Multiple Emitters and Remote Lumiphor	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LU; LT; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TR
P1287	United Kingdom		EPP	11838411.4	30-Sep-2011	2635841	11-Sep-2013	2635841	24-Aug-2018	30-Sep-2031	Granted	IDEAL Industries Lighting LLC	Lighting Device with Multiple Emitters and Remote Lumiphor	
P1287	United States of America	1	ORD	12/941,014	05-Nov-2010	US 2012/0112891	10-May-2012	8,491,140	23-Jul-2013	18-Nov-2031	Granted	IDEAL Industries Lighting LLC	Lighting Device with Multiple Emitters and Remote Lumiphor	
P1287	Patent Cooperation Treaty		ORD	PCT/US2011/054182	30-Sep-2011	WO 2012/082052	10-May-2012				Inactive	IDEAL Industries Lighting LLC	Lighting Device with Multiple Emitters and Remote Lumiphor	
P1288	Germany		EPP	12752485.8	10-Sep-2013	2681973	08-Jan-2014	602011063113.3	01-Jul-2020	22-Feb-2032	Granted	IDEAL Industries Lighting LLC	Semiconductor Light Emitting Devices Having Selectable Color Points and/or Adjustable Color Points and Related Methods	
P1288	United States of America	1	ORD	13/039,572	03-Mar-2011	US2012-0229857	09-Sep-2012	8,796,952	05-Aug-2014	05-Jan-2032	Granted	IDEAL Industries Lighting LLC	Semiconductor Light Emitting Devices Having Selectable And/or Adjustable Color Points And Related Methods	
P1288	Patent Cooperation Treaty		ORD	PCT/US2012/027811	22-Feb-2012	WO2012/116853	07-Sep-2012				Inactive	IDEAL Industries Lighting LLC	Semiconductor Light Emitting Devices Having Selectable And/or Adjustable Color Points And Related Methods	
P1288	Mexico		PCT	MXw2013/010004	30-Aug-2013			327803	11-Feb-2015	22-Feb-2032	Granted	IDEAL Industries Lighting LLC	Semiconductor Light Emitting Devices Having Selectable Color Points and/or Adjustable Color Points and Related Methods	
P1288	European Patent Convention		PCT	12752485.8	10-Sep-2013	2681973	08-Jan-2014	2681973	01-Jul-2020	22-Feb-2032	Granted	IDEAL Industries Lighting LLC	Semiconductor Light Emitting Devices Having Selectable Color Points and/or Adjustable Color Points and Related Methods	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LU; LT; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TR
P1288	China (People's Republic)		PCT	201200018428.9	21-Oct-2013	103280467	28-May-2014	ZL201200018428.9	11-May-2018	22-Feb-2032	Granted	IDEAL Industries Lighting LLC	Semiconductor Light Emitting Devices Having Selectable Color Points and/or Adjustable Color Points and Related Methods	
P1288	Canada		PCT	2828557	28-Aug-2013						Abandoned	IDEAL Industries Lighting LLC	Semiconductor Light Emitting Devices Having Selectable Color Points and/or Adjustable Color Points and Related Methods	
P1289	United States of America	1	ORD	13/038,743	03-Mar-2011	2012024783	08-Sep-2012	9,324,924	26-Apr-2016	15-Jun-2033	Granted	IDEAL Industries Lighting LLC	Tunable Remote Phosphor Construct	
P1290	Germany		EPP	11875995.8	22-May-2013	2636205		602011063113.3	26-Feb-2020	03-Oct-2031	Granted	IDEAL Industries Lighting LLC	Solid State Lighting Devices Providing Visible Alert Signals in General Illumination Applications and Related Methods of Operation	
P1290	Patent Cooperation Treaty		ORD	PCT/US2011/054908	03-Oct-2011	WO2013/088959	20-Jun-2013				Inactive	IDEAL Industries Lighting LLC	Solid State Lighting Devices Providing Visible Alert Signals in General Illumination Applications and Related Methods of Operation	
P1290	United States of America	1	OIP	12910,322	22-Oct-2010	US-2011-0084619-A1	14-Apr-2011	8,284,155	11-Sep-2012	08-Oct-2028	Granted	IDEAL Industries Lighting LLC	Solid State Lighting Devices Providing Visible Alert Signals in General Illumination Applications and Related Methods of Operation	
P1290	China (People's Republic)	2	DIV	201711326758.4	13-Dec-2017	107969345	27-Apr-2018	107969345	03-Mar-2020	03-Oct-2031	Granted	IDEAL Industries Lighting LLC	Solid State Lighting Devices Providing Visible Alert Signals in General Illumination Applications and Related Methods of Operation	
P1290	China (People's Republic)		PCT	201100081757.8	20-Jun-2013	102477115	25-Dec-2013				Abandoned	IDEAL Industries Lighting LLC	Solid State Lighting Devices Providing Visible Alert Signals in General Illumination Applications and Related Methods of Operation	
P1290	European Patent Convention		PCT	11875995.8	22-May-2013	2636205		2636205	26-Feb-2020	03-Oct-2031	Granted	IDEAL Industries Lighting LLC	Solid State Lighting Devices Providing Visible Alert Signals in General Illumination Applications and Related Methods of Operation	AL; AT; BA; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; KH; LU; LT; LV; MA; MC; MD; ME; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TN; TR
P1291	United States of America	1	ORD	12/962,847	08-Dec-2010	20120146503	14-Jun-2012	8,587,185	19-Nov-2013	11-Jan-2032	Granted	IDEAL Industries Lighting LLC	Linear LED Lamp	
P1291	United States of America	2	ODN	14/055,052	19-Oct-2013	20140043284	13-Feb-2014	9,273,835	01-Mar-2016	08-Oct-2030	Granted	IDEAL Industries Lighting LLC	Linear LED Lamp	
P1291	Patent Cooperation Treaty		ORD	PCT/US11/027995	01-Dec-2011	WO2012/078441	14-Jun-2012				Inactive	IDEAL Industries Lighting LLC	Linear LED Lamp	

P1292	United States of America	2	DIV	13891,744	10-May-2013	US-2013-0241392-A1	19-Sep-2013	9,220,149	22-Dec-2015	19-Jan-2027	Granted	IDEAL Industries Lighting LLC	Light Devices Having Remote Lumiphore That Are Excited by Lumiphore-Converted Semiconductor Excitation Sources	
P1292	Taiwan		ORD	10111980	11-May-2012	201251114	18-Dec-2012				Abandoned	IDEAL Industries Lighting LLC	Light Devices Having Remote Lumiphore That Are Excited by Lumiphore-Converted Semiconductor Excitation Sources	
P1292	Patent Cooperation Treaty		ORD	PCT/US2012/03761	07-May-2012	WO2012/154995 A2	15-Nov-2012				Inactive	IDEAL Industries Lighting LLC	Light Devices Having Remote Lumiphore That Are Excited by Lumiphore-Converted Semiconductor Excitation Sources	
P1292	United States of America	1	CIP	13105,184	11-May-2011	20110273070	10-Nov-2011	8,441,179	14-May-2013	19-Jan-2027	Granted	IDEAL Industries Lighting LLC	Light Devices Having Remote Lumiphore That Are Excited by Lumiphore-Converted Semiconductor Excitation Sources	
P1293	Patent Cooperation Treaty		ORD	PCT/US2011/026708	02-Mar-2011	WO2011/2447305	12-Apr-2012				Inactive	IDEAL Industries Lighting LLC	LED Package Mount	
P1293	United States of America	1	ORD	12901,004	08-Oct-2010	20120087137	12-Apr-2012	9,279,543	08-Mar-2016	28-Apr-2032	Abandoned	IDEAL Industries Lighting LLC	LED Package Mount	
P1293	Taiwan		ORD	10018964	02-Mar-2011	201215012	16-Apr-2012				Abandoned	IDEAL Industries Lighting LLC	LED Package Mount	
P1293	Japan		ORD	2013532791	08-Apr-2013			5940546	27-May-2016	02-Mar-2031	Abandoned	IDEAL Industries Lighting LLC	LED Package Mount	
P1293	European Patent Convention		ORD	11708161.2	08-Apr-2013	2625459	14-Aug-2013	2625459	18-Oct-2017	02-Mar-2031	Granted	IDEAL Industries Lighting LLC	LED Package Mount	
P1293	China (People's Republic)		ORD	20118004804.8	08-Apr-2013	103201559	10-Jul-2013	ZL20118004804.8	08-Jun-2017	02-Mar-2031	Granted	IDEAL Industries Lighting LLC	LED Package Mount	
P1293	Germany		EPC	11708161.2	02-Mar-2011	2625459	14-Aug-2013	2625459	18-Oct-2017	02-Mar-2031	Granted	IDEAL Industries Lighting LLC	LED Package Mount	
P1301	China (People's Republic)		PCT	201280037650.2	28-Jan-2014	CN103718005A	09-Apr-2014	ZL201280037650.2	12-Oct-2016	19-Jun-2032	Granted	IDEAL Industries Lighting LLC	Apparatus and Methods for Optical Control of Lighting Devices	
P1301	European Patent Convention		PCT	1280377.4	19-Jun-2012	2724128	30-Apr-2014	2724128	11-Nov-2020	19-Jun-2032	Granted	IDEAL Industries Lighting LLC	Apparatus and Methods for Optical Control of Lighting Devices	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TR
P1301	United States of America	1	ORD	13169,837	27-Jun-2011	US 2012/032699	27-Dec-2012	9,337,925	10-May-2016	30-Oct-2034	Granted	IDEAL Industries Lighting LLC	Apparatus and Methods for Optical Control of Lighting Devices	
P1301	Patent Cooperation Treaty		ORD	PCT/US2012/043131	19-Jun-2012	WO2012/1117A1	03-Jan-2013				Inactive	IDEAL Industries Lighting LLC	Apparatus and Methods for Optical Control of Lighting Devices	
P1301	Germany		EPP	1280377.4	19-Jun-2012	2724128	30-Apr-2014	60201207309.7	11-Nov-2020	19-Jun-2032	Granted	IDEAL Industries Lighting LLC	Apparatus and Methods for Optical Control of Lighting Devices	
P1302	United States of America	1	ORD	13169,965	18-Mar-2011	2012026560	20-Sep-2012	8,841,834	23-Sep-2014	17-Jun-2031	Granted	IDEAL Industries Lighting LLC	Solid State Lighting Systems Using OLEDs	
P1302	Patent Cooperation Treaty		ORD	PCT/US12/027940	07-Mar-2012	WO2012/128941	27-Sep-2012				Inactive	IDEAL Industries Lighting LLC	Solid State Lighting Systems Using OLEDs	
P1303	United States of America	1	ORD	13175,377	01-Jul-2011	US-2013-000380-A1	03-Jan-2013	8,876,325	04-Nov-2014	25-Jan-2032	Granted	IDEAL Industries Lighting LLC	Reverse Total Internal Reflection Features in Linear Profile For Lighting Applications	
P1303	United States of America	2	ODN	14599,834	08-Oct-2014	2015-0029709	29-Jan-2015	9,386,410	14-Jun-2016	09-Sep-2031	Granted	IDEAL Industries Lighting LLC	Reverse Total Internal Reflection Features in Linear Profile For Lighting Applications	
P1304	Taiwan		ORD	100131021	30-Aug-2011	201224338	18-Jun-2012	1,568966	01-Feb-2017	30-Aug-2031	Abandoned	IDEAL Industries Lighting LLC	Troffer-Style Fixture	
P1304	United States of America	1	FRI	12873,383	31-Aug-2010	US-2012-0051041	01-Mar-2012	10,683,702	05-Jan-2021	20-Oct-2031	Granted	IDEAL Industries Lighting LLC	Troffer-Style Fixture	
P1304	Patent Cooperation Treaty		ORD	PCT/US2011/01517	25-Aug-2011	WO2012/030207	08-Mar-2012				Inactive	IDEAL Industries Lighting LLC	Troffer-Style Fixture	
P1304	China (People's Republic)		PCT	201180052998.4	02-May-2013	CN103201557A	10-Jul-2013				Abandoned	IDEAL Industries Lighting LLC	Troffer-Style Fixture	
P1304	European Patent Convention		PCT	11754767.9	25-Aug-2011	2612099	10-Jul-2013	2612099	06-Jan-2021	25-Aug-2031	Granted	IDEAL Industries Lighting LLC	Troffer-Style Fixture	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TR
P1304	United States of America	2	ODN	17102852	24-Nov-2020	2021008070	18-Mar-2021	11,306,805	19-Apr-2022	31-Aug-2033	Granted	IDEAL Industries Lighting LLC	Troffer-Style Fixture	
P1304	European Patent Convention	1	DIV	20214719.5	16-Dec-2020	3832030	08-Jun-2021			25-Aug-2031	Published	IDEAL Industries Lighting LLC	Troffer-Style Fixture	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TR
P1304	Germany		EPP	11754767.9	25-Aug-2011	2612099	10-Jul-2013	602011088078.8	06-Jan-2021	25-Aug-2031	Granted	IDEAL Industries Lighting LLC	Troffer-Style Fixture	
P1304	United Kingdom		EPP	11754767.9	25-Aug-2011	2612099	10-Jul-2013	2612099	06-Jan-2021	25-Aug-2031	Granted	IDEAL Industries Lighting LLC	Troffer-Style Fixture	AL; BM; FJ; FK; GD; GG; GI; GY; HK; JE; KI; KY; MS; NF; SE; SH; SI; TC; TV; VC; VG; VU
P1304	Italy		EPP	11754767.9	25-Aug-2011	2612099	10-Jul-2013	2612099	06-Jan-2021	25-Aug-2031	Granted	IDEAL Industries Lighting LLC	Troffer-Style Fixture	
P1308	United States of America	1	ORD	12842,139	23-Jul-2010	20120019137	29-Jan-2012	8,492,977	20-Jul-2013	10-Feb-2031	Granted	IDEAL Industries Lighting LLC	LIGHTING UNIT USING A RETRO-FORMED COMPONENT	
P1308	Korea, Republic of		PCT	10-2013-7014915	10-Jun-2013						Abandoned	IDEAL Industries Lighting LLC	BOARD ASSEMBLIES, LIGHT EMITTING DEVICE ASSEMBLIES, AND METHODS OF MAKING THE SAME	
P1308	China (People's Republic)		PCT	201180055183.1	15-May-2013	CN103270396A	28-Aug-2013				Abandoned	IDEAL Industries Lighting LLC	BOARD ASSEMBLIES, LIGHT EMITTING DEVICE ASSEMBLIES, AND METHODS OF MAKING THE SAME	
P1308	Patent Cooperation Treaty		ORD	PCT/US11/54553	03-Oct-2011	WO 2012/07723	24-May-2012				Inactive	IDEAL Industries Lighting LLC	BOARD ASSEMBLIES, LIGHT EMITTING DEVICE ASSEMBLIES, AND METHODS OF MAKING THE SAME	
P1308	United States of America	1	ORD	12947,267	16-Nov-2010	US 2012/0120659	17-May-2012	8,602,597	10-Dec-2013	30-Mar-2031	Granted	IDEAL Industries Lighting LLC	HEAT SINK RETAINING STRUCTURE FOR LIGHT EMITTING DEVICE BOARD ASSEMBLIES, AND METHODS	
P1308	European Patent Convention		PCT	11842312.8	17-Jun-2013	2641016	25-Sep-2013				Abandoned	IDEAL Industries Lighting LLC	BOARD ASSEMBLIES, LIGHT EMITTING DEVICE ASSEMBLIES, AND METHODS OF MAKING THE SAME	
P1309	Patent Cooperation Treaty		ORD	PCT/US2011/080706	15-Nov-2011	WO 2012/082284	21-Jun-2012				Inactive	IDEAL Industries Lighting LLC	Lighting Apparatus Using a Non-Linear Current Sensor and Methods of Operating Thereof	
P1309	United States of America	1	ORD	12968,789	15-Dec-2010	US-2012-0153844-A1	21-Jun-2012	10,057,952	21-Aug-2016	01-Sep-2034	Granted	IDEAL Industries Lighting LLC	Lighting Apparatus Using a Non-Linear Current Sensor and Methods of Operation Thereof	
P1309	China (People's Republic)		PCT	20118005280.9	14-Jun-2013	CN10329931A	25-Sep-2013	ZL20118005280.9	08-Jun-2016	15-Nov-2031	Granted	IDEAL Industries Lighting LLC	Lighting Apparatus Using a Non-Linear Current Sensor and Methods of Operation Thereof	
P1312	United States of America	1	DES	29388,970	31-Aug-2010			0679,848	09-Apr-2013	06-Apr-2027	Granted	IDEAL Industries Lighting LLC	Troffer-Style Fixture	
P1316	Germany		PCT	112011103188.2	02-Mar-2011	DE112011103188	25-Jul-2013	112011103188	11-Oct-2018	02-Mar-2031	Granted	IDEAL Industries Lighting LLC	LED Lamp	
P1316	Patent Cooperation Treaty		ORD	PCT/US2011/026750	02-Mar-2011	WO2011/2026798	29-Mar-2012				Inactive	IDEAL Industries Lighting LLC	LED Lamp	
P1316	United States of America	1	ORD	12889,719	24-Sep-2010	20120075833	29-Mar-2012	9,523,488	20-Dec-2016	07-Jun-2031	Granted	IDEAL Industries Lighting LLC	LED Lamp	
P1316	China (People's Republic)		PCT	201180053514.0	07-May-2013	CN103201558A	10-Jul-2013	ZL201180053514.0	23-Nov-2016	02-Mar-2031	Granted	IDEAL Industries Lighting LLC	LED Lamp	
P1316	Taiwan		ORD	10018967	02-Mar-2011	201213718	01-Apr-2012	1480485	11-Apr-2015	02-Mar-2031	Abandoned	IDEAL Industries Lighting LLC	LED Lamp	
P1318	United States of America	1	ORD	12940,453	05-Nov-2010	US 2012/0113840	10-May-2012	9,249,952	02-Feb-2016	18-Dec-2031	Granted	IDEAL Industries Lighting LLC	Multi-Configurable, High Luminous Output Light Fixture Systems, Devices and Methods	
P1320	Korea, Republic of		DES	20-2011-0008448	02-Mar-2011			30-0872401	07-Dec-2012	07-Dec-2027	Granted	IDEAL Industries Lighting LLC	Omnidirectional LED Lamp	
P1320	China (People's Republic)		DES	201130032928.8	02-Mar-2011			ZL201130032928.8	18-Nov-2011	02-Mar-2021	Expired	IDEAL Industries Lighting LLC	Omnidirectional LED Lamp	

P1320	European Community	2	DES	00182633-0003	02-Mar-2011			00182633-0003	02-Mar-2011	02-Mar-2009	Granted	IDEAL Industries Lighting LLC	Omnidirectional LED Lamp	
P1320	Japan		DES	2011-004703	02-Mar-2011			1432098	18-Dec-2011	18-Dec-2011	Granted	IDEAL Industries Lighting LLC	Omnidirectional LED Lamp	
P1320	Taiwan		DES	100300962	02-Mar-2011			D-148774	11-Aug-2012	02-Mar-2003	Granted	IDEAL Industries Lighting LLC	Omnidirectional LED Lamp	
P1320	United States of America	1	DES	29375,645	24-Sep-2010			D654,150	14-Feb-2012	14-Feb-2008	Granted	IDEAL Industries Lighting LLC	Omnidirectional LED Lamp	
P1320	European Community	1	DES	00182633-0002	02-Mar-2011			00182633-0002	02-Mar-2011	02-Mar-2008	Granted	IDEAL Industries Lighting LLC	Omnidirectional LED Lamp	
P1320	European Community		DES	00182633	02-Mar-2011			00182633-0001	02-Mar-2011	02-Mar-2008	Granted	IDEAL Industries Lighting LLC	Omnidirectional LED Lamp	
P1320	United Kingdom	2	RFD	900182633-0003	02-Mar-2011			900182633-0003	02-Mar-2011	02-Mar-2008	Granted	IDEAL Industries Lighting LLC	Omnidirectional LED Lamp	
P1320	United Kingdom	1	RFD	900182633-0002	02-Mar-2011			900182633-0002	02-Mar-2011	02-Mar-2008	Granted	IDEAL Industries Lighting LLC	Omnidirectional LED Lamp	
P1320	United Kingdom		RFD	900182633-0001	02-Mar-2011			900182633-0001	02-Mar-2011	02-Mar-2008	Granted	IDEAL Industries Lighting LLC	Omnidirectional LED Lamp	
P1321	Korea, Republic of		DES	30-2011-0008447	02-Mar-2011			30-0801215	20-Sep-2012	20-Sep-2007	Granted	IDEAL Industries Lighting LLC	LED Lamp	
P1321	European Community		DES	00182635	02-Mar-2011			00182635-001	02-Mar-2011		Abandoned	IDEAL Industries Lighting LLC	Lamp	
P1321	Korea, Republic of	2	DES	30-2011-0008449	02-Mar-2011			30-0801216	20-Sep-2012	20-Sep-2007	Abandoned	IDEAL Industries Lighting LLC	LED Lamp	
P1321	Japan		DES	47332011	02-Mar-2011			1423320	19-Aug-2011	19-Aug-2011	Granted	IDEAL Industries Lighting LLC	LAMP	
P1321	China (People's Republic)		DES	20113003868.2	02-Mar-2011			ZL20113003868.2	02-May-2012	02-Mar-2001	Expired	IDEAL Industries Lighting LLC	Lamp	
P1321	Taiwan	2	DES	100308145	02-Mar-2011			D151895	11-Feb-2013	02-Mar-2003	Abandoned	IDEAL Industries Lighting LLC	Light Bulb	
P1321	United States of America	1	DES	29375,560	24-Sep-2010			D647,222	18-Oct-2011	18-Oct-2005	Granted	IDEAL Industries Lighting LLC	Lamp	
P1321	United States of America	3	DOV	29401,548	14-Sep-2011			D676,159	12-Feb-2013	12-Feb-2007	Granted	IDEAL Industries Lighting LLC	Lamp	
P1321	Taiwan		DES	10030963	02-Mar-2011			D148014	01-May-2012	02-Mar-2003	Abandoned	IDEAL Industries Lighting LLC	Lamp	
P1321	Japan	2	DES	47342011	02-Mar-2011			1423327	19-Aug-2011	19-Aug-2011	Abandoned	IDEAL Industries Lighting LLC	LAMP	
P1322	Japan		PCT	2012-550002	03-Sep-2012			5678654	09-Jan-2015	02-Mar-2001	Granted	IDEAL Industries Lighting LLC	Non-Uniform Diffuser to Scatter Light Into Uniform Emission Pattern	
P1322	Patent Cooperation Treaty		ORD	PCT/US2011/03050	02-Mar-2011	WO2011/109387	09-Sep-2011				Inactive	IDEAL Industries Lighting LLC	Non-Uniform Diffuser to Scatter Light Into Uniform Emission Pattern	
P1322	European Patent Convention		PCT	11709509	03-Oct-2012	2542823				02-Mar-2001	Published	IDEAL Industries Lighting LLC	Non-Uniform Diffuser to Scatter Light Into Uniform Emission Pattern	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TR
P1322	Taiwan		ORD	100107047	02-Mar-2011	201200701	01-Jan-2012				Abandoned	IDEAL Industries Lighting LLC	Non-Uniform Diffuser to Scatter Light Into Uniform Emission Pattern	
P1322	United States of America	1	ORD	12901,405	08-Oct-2010	US-2011-0219523-A1	08-Sep-2011	0,310,030	12-Apr-2016	02-Nov-2009	Granted	IDEAL Industries Lighting LLC	Non-Uniform Diffuser to Scatter Light Into Uniform Emission Pattern	
P1322	United States of America	0	PRO	61388,437	24-Sep-2010					24-Sep-2011	Expired	IDEAL Industries Lighting LLC	Non-Uniform Diffuser to Scatter Light Into Uniform Emission Pattern	
P1322	China (People's Republic)		PCT	201180022826.7	05-Nov-2012	CN10321025A	17-Jul-2013			02-Mar-2001	Abandoned	IDEAL Industries Lighting LLC	Non-Uniform Diffuser to Scatter Light Into Uniform Emission Pattern	
P1322	Korea, Republic of		PCT	10-2012-7028914	02-Oct-2012	10-2013-0007201	15-Apr-2013				Abandoned	IDEAL Industries Lighting LLC	Non-Uniform Diffuser to Scatter Light Into Uniform Emission Pattern	
P1324	Germany		EPP	11709528.1	02-Mar-2011			2855954	17-Jun-2015		Abandoned	IDEAL Industries Lighting LLC	LED Lamp with High Color Rendering Index	
P1324	United States of America	1	ORD	12975,820	22-Dec-2010	20120191626	28-Jun-2012	0,052,087	09-Jun-2015	22-Oct-2011	Granted	IDEAL Industries Lighting LLC	LED Lamp with High Color Rendering Index	
P1324	European Patent Convention		PCT	11709528.1	02-Jul-2013	2855954	30-Oct-2013	2855954	17-Jun-2015	02-Mar-2001	Abandoned	IDEAL Industries Lighting LLC	LED Lamp with High Color Rendering Index	
P1324	United Kingdom		EPP	11709528.1	02-Mar-2011			285594	17-Jun-2015		Abandoned	IDEAL Industries Lighting LLC	LED Lamp with High Color Rendering Index	
P1324	India		PCT	1009KOLNP/2013	12-Jun-2013						Abandoned	IDEAL Industries Lighting LLC	LED Lamp with High Color Rendering Index	
P1324	United States of America	3	DDN	15268,891	19-Sep-2016	2017-0018583	19-Jan-2017	9,845,922	19-Dec-2017	22-Dec-2030	Granted	IDEAL Industries Lighting LLC	LED Lamp with High Color Rendering Index	
P1324	Patent Cooperation Treaty		ORD	PCT/US2011/026701	02-Mar-2011	WO2011/2007303	28-Jun-2012				Inactive	IDEAL Industries Lighting LLC	LED Lamp with High Color Rendering Index	
P1324	Mexico		PCT	MXw2013/007272	21-Jun-2013	5391916	13-Feb-2014	327339	27-Jan-2015	02-Mar-2001	Granted	IDEAL Industries Lighting LLC	LED Lamp with High Color Rendering Index	
P1324	Taiwan		ORD	100107050	02-Mar-2011	201228002	01-Jul-2012				Abandoned	IDEAL Industries Lighting LLC	LED Lamp with High Color Rendering Index	
P1324	United States of America	2	DDN	14702,179	01-May-2015	20150330581	19-Nov-2015	9,458,971	04-Oct-2016	22-Dec-2030	Granted	IDEAL Industries Lighting LLC	LED Lamp with High Color Rendering Index	
P1329	China (People's Republic)		PCT	201280021598.4	01-Nov-2012	CN103502727A	08-Jan-2014				Abandoned	IDEAL Industries Lighting LLC	REMOTE COMPONENT DEVICES, SYSTEMS, AND METHODS FOR USE WITH LIGHT EMITTING DEVICES	
P1329	European Patent Convention		PCT	12788994.7	30-Sep-2013	2801487	08-Jan-2014				Abandoned	IDEAL Industries Lighting LLC	REMOTE COMPONENT DEVICES, SYSTEMS, AND METHODS FOR USE WITH LIGHT EMITTING DEVICES	
P1329	Taiwan		ORD	101106560	29-Feb-2012	101106560	01-Oct-2012				Abandoned	IDEAL Industries Lighting LLC	REMOTE COMPONENT DEVICES, SYSTEMS, AND METHODS FOR USE WITH LIGHT EMITTING DEVICES	
P1329	United States of America	1	ORD	13938,109	01-Mar-2011	US 2012/02023632	09-Sep-2012	8,922,108	30-Dec-2014	07-Nov-2002	Granted	IDEAL Industries Lighting LLC	Remote Component Devices, Systems, and Methods for Use with Light Emitting Devices	
P1329	United States of America	2	DDN	14588,825	30-Dec-2014						Abandoned	IDEAL Industries Lighting LLC	REMOTE COMPONENT DEVICES, SYSTEMS, AND METHODS FOR USE WITH LIGHT EMITTING DEVICES	
P1329	Patent Cooperation Treaty		ORD	PCT/US12/06783	27-Feb-2012	WO 2012/181622	29-Nov-2012				Inactive	IDEAL Industries Lighting LLC	REMOTE COMPONENT DEVICES, SYSTEMS, AND METHODS FOR USE WITH LIGHT EMITTING DEVICES	
P1330	Taiwan		ORD	101120788	09-Aug-2012						Abandoned	IDEAL Industries Lighting LLC	BIAS VOLTAGE GENERATION USING A LOAD IN SERIES WITH A SWITCH	
P1330	United States of America	1	ORD	13207,204	10-Aug-2011	US 2013/0033242	14-Feb-2013	8,680,783	25-Mar-2014	07-Mar-2002	Granted	IDEAL Industries Lighting LLC	Vias Voltage Generation Using a Load in Series with a Switch	
P1330	Patent Cooperation Treaty		ORD	PCT/US2012/049845	07-Aug-2012	WO 2013/022083	14-Feb-2013				Abandoned	IDEAL Industries Lighting LLC	BIAS VOLTAGE GENERATION USING A LOAD IN SERIES WITH A SWITCH	
P1331	China (People's Republic)		PCT	20118008337.1	28-Jun-2013	10327650	28-Aug-2013	ZL20118008337.1	25-Aug-2017	05-Oct-2001	Granted	IDEAL Industries Lighting LLC	Systems and Methods for Controlling Solid State Lighting Devices and Lighting Apparatus Incorporating Such Systems and/or Methods	
P1331	Germany		EPP	11838419.7	05-Oct-2011	2636035	11-Sep-2013	2636035	22-Nov-2017	06-Oct-2011	Granted	IDEAL Industries Lighting LLC	Systems and Methods for Controlling Solid State Lighting Devices and Lighting Apparatus Incorporating Such Systems	

P1331	European Patent Convention		PCT	11888419.7	30-May-2013	2636035	11-Sep-2013	2636035	22-Nov-2017	05-Oct-2031	Granted	IDEAL Industries Lighting LLC	Systems and Methods for Controlling Solid State Lighting Device and Lighting Apparatus Incorporating Such Systems and/or Methods	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LU; LT; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TR
P1331	Taiwan		ORD	100138257	24-Oct-2011	201220373	16-Jul-2012				Abandoned	IDEAL Industries Lighting LLC	Systems and Methods for Controlling Solid State Lighting Device and Lighting Apparatus Incorporating Such Systems and/or Methods	
P1331	United States of America	0	PRQ	81/408,880	01-Nov-2010					01-Nov-2011	Expired	IDEAL Industries Lighting LLC	Bi-Directional Voltage Generation Using a Load in Series with a Switch	
P1331	United States of America	1	ORD	19367,485	10-Jan-2011	US 2012-0194953-A1	03-May-2012	8,569,974	29-Oct-2014	08-Sep-2031	Granted	IDEAL Industries Lighting LLC	Systems and Methods for Controlling Solid State Lighting Device and Lighting Apparatus Incorporating Such Systems and/or Methods	
P1331	Patent Cooperation Treaty		ORD	PCT/US2011/054948	05-Oct-2011	WO2012/09366A1	10-May-2012				Inactive	IDEAL Industries Lighting LLC	Systems and Methods for Controlling Solid State Lighting Device and Lighting Apparatus Incorporating Such Systems and/or Methods	
P1334	Patent Cooperation Treaty		ORD	PCT/US2011/010399	02-Mar-2011	WO2011/100903	09-Sep-2011				Inactive	IDEAL Industries Lighting LLC	High Efficacy LED Lamp with Remote Phosphor and Diffuser Configuration	
P1334	Taiwan		ORD	100107040	02-Mar-2011	201144999	18-Dec-2011				Abandoned	IDEAL Industries Lighting LLC	High Efficacy LED Lamp with Remote Phosphor and Diffuser Configuration	
P1334	United States of America	1	ORD	13/028,063	16-Feb-2011	US-2011-0227182-A1	22-Sep-2011				Abandoned	IDEAL Industries Lighting LLC	High Efficacy LED Lamp with Remote Phosphor and Diffuser Configuration	
P1334	China (People's Republic)		PCT	201180022620.X	05-Nov-2012	CN103035705A	10-Apr-2013	ZL201180022620.X	16-Jan-2016	02-Mar-2031	Granted	IDEAL Industries Lighting LLC	High Efficacy LED Lamp with Remote Phosphor and Diffuser Configuration	
P1338	Germany	10	EPP	11778731.7	21-May-2013	2633229	04-Sep-2013	2633229	14-Aug-2010	12-Oct-2031	Granted	IDEAL Industries Lighting LLC	Lighting Apparatus	
P1338	China (People's Republic)	2	DES	201130358181.2	11-Oct-2011			ZL201130358181.2	31-Oct-2012	11-Oct-2021	Expired	IDEAL Industries Lighting LLC	Lighting Fixture	
P1338	Australia	3	DES	128792011	27-Apr-2011			337460	01-Jul-2011	27-Apr-2021	Expired	IDEAL Industries Lighting LLC	Lighting Fixture	
P1338	European Patent Convention	10	PCT	11778731.7	21-May-2013	2633229	04-Sep-2013	2633229	14-Aug-2010	12-Oct-2031	Granted	IDEAL Industries Lighting LLC	Lighting Apparatus	AL; AT; BA; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; KR; LI; LT; LV; LU; MA; MC; MD; ME; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TN; TR
P1338	Australia	5	DES	145822011	11-Oct-2011						Abandoned	IDEAL Industries Lighting LLC	Lighting Fixture	
P1338	Australia	6	DES	145832011	11-Oct-2011						Abandoned	IDEAL Industries Lighting LLC	Lighting Fixture	
P1338	Australia	7	DES	145842011	11-Oct-2011			339270	04-Nov-2011	11-Oct-2021	Expired	IDEAL Industries Lighting LLC	Lighting Fixture	
P1338	Australia	9	DES	145892011	11-Oct-2011			339272	04-Nov-2011	11-Oct-2021	Expired	IDEAL Industries Lighting LLC	Lighting Fixture	
P1338	China (People's Republic)	WO	PCT	20110003074.4	11-Oct-2011	103492791	01-Jan-2014	ZL20110003074.4	08-Feb-2017	12-Oct-2031	Granted	IDEAL Industries Lighting LLC	Lighting Apparatus	
P1338	China (People's Republic)	3	DOV	20120178391.8	11-Oct-2011			ZL20120178391.8	07-Nov-2012	11-Oct-2021	Expired	IDEAL Industries Lighting LLC	Lighting Fixture design	
P1338	European Community	1	DES	001851809-0001	15-Apr-2011			001851809-0001	15-Apr-2011	15-Apr-2038	Granted	IDEAL Industries Lighting LLC	Lighting Apparatus	
P1338	Australia	8	DES	145852011	11-Oct-2011			339271	04-Nov-2011	11-Oct-2021	Expired	IDEAL Industries Lighting LLC	Lighting Fixture	
P1338	Australia	2	DES	128792011	27-Apr-2011			337459	01-Jul-2011	27-Apr-2021	Expired	IDEAL Industries Lighting LLC	Lighting Fixture	
P1338	United States of America	3	DES	29-209,409	11-Apr-2011			0680,690	04-Jun-2013	04-Jun-2027	Granted	IDEAL Industries Lighting LLC	Lighting Fixture	
P1338	European Community	5	DES	001930074-0001	11-Oct-2011			001930074-0001	11-Oct-2011	11-Oct-2038	Granted	IDEAL Industries Lighting LLC	Lighting Apparatus	
P1338	China (People's Republic)		DES	201130093400.9	27-Apr-2011			ZL201130093400.9	18-Jan-2012	27-Apr-2021	Expired	IDEAL Industries Lighting LLC	Lighting Fixture	
P1338	European Community	4	DES	001851809-0004	15-Apr-2011			001851809-0004	15-Apr-2011	15-Apr-2038	Granted	IDEAL Industries Lighting LLC	Lighting Apparatus	
P1338	United States of America	5	DOV	29478,809	18-Dec-2013			0710,520	05-Aug-2014	05-Aug-2038	Granted	IDEAL Industries Lighting LLC	Lighting Fixture	
P1338	United States of America	1	ORD	13/064,174	11-Apr-2011	20120186176	03-May-2012	8,757,852	24-Jun-2014	26-Dec-2031	Granted	IDEAL Industries Lighting LLC	LIGHTING APPARATUS	
P1338	Australia	1	DES	118892011	27-Apr-2011			337458	01-Jul-2011	27-Apr-2021	Expired	IDEAL Industries Lighting LLC	Lighting Fixture	
P1338	European Community	6	DES	001930074-0002	11-Oct-2011			001930074-0002	11-Oct-2011	11-Oct-2038	Granted	IDEAL Industries Lighting LLC	Lighting Apparatus	
P1338	European Community	7	DES	001930074-0003	11-Oct-2011			001930074-0003	11-Oct-2011	11-Oct-2038	Granted	IDEAL Industries Lighting LLC	Lighting Apparatus	
P1338	European Community	8	DES	001930074-0004	11-Oct-2011			001930074-0004	11-Oct-2011	11-Oct-2038	Granted	IDEAL Industries Lighting LLC	Lighting Apparatus	
P1338	European Community	2	DES	001851809-0002	15-Apr-2011			001851809-0002	15-Apr-2011	15-Apr-2038	Granted	IDEAL Industries Lighting LLC	Lighting Apparatus	
P1338	European Community	3	DES	001851809-0003	15-Apr-2011			001851809-0003	15-Apr-2011	15-Apr-2038	Granted	IDEAL Industries Lighting LLC	Lighting Apparatus	
P1338	United States of America	2	DES	29-377,568	27-Oct-2010			0680,080	21-May-2013	21-May-2027	Granted	IDEAL Industries Lighting LLC	Lighting Fixture	
P1338	United States of America	4	DOV	29-451,812	28-Mar-2013			0698,985	04-Feb-2014	04-Feb-2028	Granted	IDEAL Industries Lighting LLC	Lighting Fixture	
P1338	Patent Cooperation Treaty		ORD	PCT/US11/855881	12-Oct-2011	WO2012/056304	03-May-2012				Inactive	IDEAL Industries Lighting LLC	Lighting Apparatus	
P1338	European Community	9	DES	001930074-0005	11-Oct-2011			001930074-0005	11-Oct-2011	11-Oct-2038	Granted	IDEAL Industries Lighting LLC	Lighting Apparatus	
P1338	Australia	4	DES	128892011	27-Apr-2011			337461	01-Jul-2011	27-Apr-2021	Expired	IDEAL Industries Lighting LLC	Lighting Fixture	
P1338	United States of America	0	PRQ	81/407,418	27-Oct-2010					27-Oct-2011	Expired	IDEAL Industries Lighting LLC	Lighting Fixture	
P1338	United Kingdom	01	RRD	9001851809-0001	15-Apr-2011			9001851809-0001	15-Apr-2011	15-Apr-2038	Granted	IDEAL Industries Lighting LLC	Lighting Apparatus	
P1338	United Kingdom	04	RRD	9001851809-0004	15-Apr-2011			9001851809-0004	15-Apr-2011	15-Apr-2038	Granted	IDEAL Industries Lighting LLC	Lighting Apparatus	
P1338	United Kingdom	02	RRD	9001851809-0002	15-Apr-2011			9001851809-0002	15-Apr-2011	15-Apr-2038	Granted	IDEAL Industries Lighting LLC	Lighting Apparatus	
P1338	United Kingdom	03	RRD	9001851809-0003	15-Apr-2011			9001851809-0003	15-Apr-2011	15-Apr-2038	Granted	IDEAL Industries Lighting LLC	Lighting Apparatus	
P1338	United Kingdom	05	RRD	9001930074-0001	11-Oct-2011			9001930074-0001	11-Oct-2011	11-Oct-2038	Granted	IDEAL Industries Lighting LLC	Lighting Apparatus	
P1338	United Kingdom	06	RRD	9001930074-0002	11-Oct-2011			9001930074-0002	11-Oct-2011	11-Oct-2038	Granted	IDEAL Industries Lighting LLC	Lighting Apparatus	
P1338	United Kingdom	07	RRD	9001930074-0003	11-Oct-2011			9001930074-0003	11-Oct-2011	11-Oct-2038	Granted	IDEAL Industries Lighting LLC	Lighting Apparatus	
P1338	United Kingdom	08	RRD	9001930074-0004	11-Oct-2011			9001930074-0004	11-Oct-2011	11-Oct-2038	Granted	IDEAL Industries Lighting LLC	Lighting Apparatus	

P1338	United Kingdom	09	FRD	800183074-0005	11-Oct-2011			800183074-0005	11-Oct-2011	11-Oct-2038	Granted	IDEAL Industries Lighting LLC	Lighting Apparatus	
P1340	United States of America	1	ORD	13278.208	21-Oct-2011	US 2012-0126260 A1	24-May-2012	8,748,905	10-Jun-2014	15-Feb-2032	Granted	IDEAL Industries Lighting LLC	High Efficacy Semiconductor Light Emitting Diodes Employing Remote Phosphor Configurations	
P1340	United States of America	2	CIP	13961.989	28-Oct-2012	US2013/0390909	21-Mar-2013	8,853,712	07-Oct-2014	24-May-2031	Granted	IDEAL Industries Lighting LLC	High Efficacy Semiconductor Light Emitting Diodes Employing Remote Phosphor Configurations	
P1342	China (People's Republic)		PCT	201280034828.8	28-Nov-2012	CN103650943A	19-Mar-2014				Abandoned	IDEAL Industries Lighting LLC	Systems and Methods for Controlling Solid State Lighting Devices and Lighting Apparatus Incorporating Such Systems and/or Methods	
P1342	Japan		PCT	2014-513666	02-Dec-2013	2014-503360	21-Aug-2014	5941130	27-May-2016	31-May-2032	Abandoned	IDEAL Industries Lighting LLC	Systems and Methods for Controlling Solid State Lighting Devices and Lighting Apparatus Incorporating Such Systems and/or Methods	
P1342	Patent Cooperation Treaty		ORD	PCT/US2012/040189	31-May-2012	WO2012/168904A1	08-Dec-2012				Inactive	IDEAL Industries Lighting LLC	Systems and Methods for Controlling Solid State Lighting Devices and Lighting Apparatus Incorporating Such Systems and/or Methods	
P1342	United States of America	1	ORD	13152.640	03-Jun-2011	US2012/0200675A1	08-Dec-2012	10,178,723	08-Jan-2019	23-Jul-2038	Granted	IDEAL Industries Lighting LLC	Systems and Methods for Controlling Solid State Lighting Devices and Lighting Apparatus Incorporating Such Systems and/or Methods	
P1342	European Patent Convention		PCT	12782795.2	18-Dec-2013	2716137	08-Apr-2014	2716137	24-Oct-2016	31-May-2032	Granted	IDEAL Industries Lighting LLC	Systems and Methods for Controlling Solid State Lighting Devices and Lighting Apparatus Incorporating Such Systems and/or Methods	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LU; LT; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TR
P1342	Germany		EPP	12782795.2	31-May-2012	2716137	08-Apr-2014	2716137	24-Oct-2016	31-May-2032	Granted	IDEAL Industries Lighting LLC	Systems and Methods for Controlling Solid State Lighting Devices and Lighting Apparatus Incorporating Such Systems and/or Methods	
P1346	United States of America	0	PRD	81413.989	15-Nov-2010					15-Nov-2011	Expired	IDEAL Industries Lighting LLC	Lighting Fixture	
P1347	European Community		DES	00185807-0001	04-May-2011			00185807-0001	04-May-2011	04-May-2038	Granted	IDEAL Industries Lighting LLC	Lighting Fixture	
P1347	United States of America	1	DES	29379.154	15-Nov-2010			0674.127	08-Jan-2015	08-Jan-2027	Granted	IDEAL Industries Lighting LLC	Lighting Fixture	
P1347	China (People's Republic)		DES	201130133267.5	13-May-2011			ZL2011100133267.5	07-Mar-2012	13-May-2021	Expired	IDEAL Industries Lighting LLC	Lighting Fixture with Flanged Mounting Structure	
P1347	Japan		DES	109292011	12-May-2011			143878	17-Feb-2012	17-Feb-2032	Granted	IDEAL Industries Lighting LLC	Lighting Fixture	
P1347	United Kingdom		FRD	800183067-0001	04-May-2011			800183067-0001	04-May-2011	04-May-2038	Granted	IDEAL Industries Lighting LLC	Lighting Fixture	
P1351	United States of America	2	DIV	14107.464	16-Dec-2013	2014-0103381	17-Apr-2014	9,496,850	02-Aug-2016	17-Jul-2031	Granted	IDEAL Industries Lighting LLC	The Phosphor Light Emitting Devices, Components and Fabrication	
P1351	Patent Cooperation Treaty		ORD	PCT/US2012/035813	30-Apr-2012	WO2012/151156	08-Nov-2012				Inactive	IDEAL Industries Lighting LLC	Remote Phosphor Light Emitting Devices, Components and Fabrication	
P1351	United States of America	1	ORD	13101.674	05-May-2011	US 2012-0200258	08-Nov-2012	8,637,877	28-Jan-2014	05-Jan-2032	Granted	IDEAL Industries Lighting LLC	The Phosphor Light Emitting Devices, Components and Fabrication	
P1352	Patent Cooperation Treaty		ORD	PCT/US2012/084074	08-Nov-2012	2013073080	16-May-2013				Inactive	IDEAL Industries Lighting LLC	Lighting Device Providing Improved Color Rendering	
P1352	China (People's Republic)		PCT	20128006826.17	07-Jul-2014	104041183	09-Oct-2014	ZL201200068261.7	24-Aug-2016	08-Nov-2032	Granted	IDEAL Industries Lighting LLC	Lighting Device Providing Improved Color Rendering	
P1352	United States of America	1	ORD	13202.541	09-Nov-2011	20130114241	08-May-2013	8,919,975	03-Dec-2014	21-Jun-2032	Granted	IDEAL Industries Lighting LLC	Lighting Device Providing Improved Color Rendering	
P1352	European Patent Convention		PCT	12794488.2	28-May-2014	2777383	17-Sep-2014			08-Nov-2032	Abandoned	IDEAL Industries Lighting LLC	Lighting Device Providing Improved Color Rendering	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LU; LT; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TR
P1353	China (People's Republic)		PCT	20128007916.4	28-Jan-2014	CN103732988	16-Apr-2014	ZL20120007916.4	05-Oct-2016	30-May-2032	Granted	IDEAL Industries Lighting LLC	Lighting Device with Individually Compensating Multi-Color Clusters	
P1353	European Patent Convention		PCT	12793449.5	08-Dec-2013	2715224	08-Apr-2014	2715224	02-Sep-2016	30-May-2032	Granted	IDEAL Industries Lighting LLC	Lighting Device with Individually Compensating Multi-Color Clusters	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LU; LT; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TR
P1353	India		PCT	10287CHENP/2013	28-Dec-2013	10287CHENP/2013	27-Feb-2015				Abandoned	IDEAL Industries Lighting LLC	Lighting Device with Individually Compensating Multi-Color Clusters	
P1353	United States of America	1	ORD	13152.772	03-Jun-2011	2012-0306370	06-Dec-2012	10,068,197	09-Oct-2016	22-Jun-2033	Granted	IDEAL Industries Lighting LLC	Lighting Device with Individually Compensating Multi-Color Clusters	
P1353	Patent Cooperation Treaty		ORD	PCT/US2012/039984	30-May-2012	WO 2012/168791	08-Dec-2012				Inactive	IDEAL Industries Lighting LLC	LIGHTING DEVICES WITH INDIVIDUALLY COMPENSATING MULTI-COLOR CLUSTERS	
P1353	Germany		EPP	12793449.5	08-Dec-2013	2715224	08-Apr-2014	60201207124.3	02-Sep-2016	30-May-2032	Granted	IDEAL Industries Lighting LLC	Lighting Device with Individually Compensating Multi-Color Clusters	
P1354	Patent Cooperation Treaty		ORD	PCT/US2012/078997	20-Dec-2012	WO2013/109599	27-Jun-2013				Inactive	IDEAL Industries Lighting LLC	Methods and Circuits for controlling Light Characteristics of Solid State Lighting Devices and Lighting Apparatus Incorporating Such Methods and/or Circuits	
P1354	European Patent Convention		PCT	1280560.7	23-Jul-2014	2805578	28-Nov-2014	2805578	13-Dec-2017	20-Dec-2032	Granted	IDEAL Industries Lighting LLC	Methods and Circuits for Controlling Lighting Characteristics of Solid State Lighting Devices and Lighting Apparatus Incorporating Such Methods and/or Circuits	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LU; LT; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TR
P1354	United States of America	0	PRD	81579.989	20-Dec-2011					20-Dec-2012	Expired	IDEAL Industries Lighting LLC	Methods and Circuits for Controlling Lighting Characteristics of Solid State Lighting Devices and Lighting Apparatus Incorporating Such Methods and/or Circuits	
P1354	Germany		EPP	1280560.7	20-Dec-2012	2805578	28-Nov-2014	2805578	13-Dec-2017	20-Dec-2032	Granted	IDEAL Industries Lighting LLC	Methods and Circuits for Controlling Lighting Characteristics of Solid State Lighting Devices and Lighting Apparatus Incorporating Such Methods and/or Circuits	
P1354	United States of America	1	ORD	13418.613	09-Mar-2012	2012-0162151	27-Jun-2013	10,167,942	22-Jan-2019	16-Jan-2037	Granted	IDEAL Industries Lighting LLC	Methods and Circuits for controlling Light Characteristics of Solid State Lighting Devices and Lighting Apparatus Incorporating Such Methods and/or Circuits	
P1355	China (People's Republic)		PCT	201280072786.3	25-Apr-2014	103971822	08-Jul-2014				Abandoned	IDEAL Industries Lighting LLC	Reduced Phosphor Lighting Devices	
P1355	Germany		EPP	12759299.6	15-Aug-2012	2748522	02-Jul-2014	2748522	21-Jun-2017	15-Aug-2032	Granted	IDEAL Industries Lighting LLC	Reduced Phosphor Lighting Devices	
P1355	European Patent Convention		PCT	12759299.6	25-Mar-2014	2748522	02-Jul-2014	2748522	21-Jun-2017	15-Aug-2032	Granted	IDEAL Industries Lighting LLC	Reduced Phosphor Lighting Devices	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LU; LT; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TR
P1355	Taiwan		ORD	101130861	24-Aug-2012	201312053	18-Mar-2013				Abandoned	IDEAL Industries Lighting LLC	Reduced Phosphor Lighting Devices	
P1355	United States of America	1	ORD	13218.880	28-Aug-2011	2013005979	28-Feb-2013	9,897,276	23-Feb-2018	01-Jun-2034	Granted	IDEAL Industries Lighting LLC	Reduced Phosphor Lighting Devices	
P1355	Patent Cooperation Treaty		ORD	PCT/US2012/050800	15-Aug-2012	WO2013/032708	07-Mar-2013				Inactive	IDEAL Industries Lighting LLC	Reduced Phosphor Lighting Devices	
P1356	Patent Cooperation Treaty		ORD	PCT/US12/049903	10-Jul-2013	WO2013/032067	08-Feb-2014				Inactive	IDEAL Industries Lighting LLC	Lighting Device with Variable Color Rendering Based on Ambient Light	
P1356	United States of America	1	ORD	139561.388	30-Jul-2012	20140028197	30-Jan-2014	9,086,405	23-Jun-2015	10-Apr-2033	Granted	IDEAL Industries Lighting LLC	Lighting Device with Variable Color Rendering Based on Ambient Light	
P1356	European Patent Convention		PCT	13749222.8	27-Jan-2015	2880984	10-Jun-2015				Abandoned	IDEAL Industries Lighting LLC	Lighting Device with Variable Color Rendering Based on Ambient Light	
P1356	United States of America	2	QDN	14745.049	19-Jun-2015	20150289340	08-Oct-2015	9,916,369	13-Mar-2018	20-Jul-2032	Granted	IDEAL Industries Lighting LLC	Lighting Device with Variable Color Rendering	
P1357	United States of America	1	ORD	13170.703	28-Jun-2011	20130002187	03-Jan-2013	9,642,208	02-May-2017	09-Aug-2034	Granted	IDEAL Industries Lighting LLC	Variable Correlated Color Temperature Luminary Constructs	
P1358	United States of America	1	ORD	13183.067	14-Jul-2011	20130018509451	17-Jan-2013	8,899,785	02-Dec-2014	25-Jun-2032	Granted	IDEAL Industries Lighting LLC	LED LAMP	
P1360	Germany		EPP	11783990.0	02-Dec-2011	2846743	09-Oct-2013	2846743	28-Mar-2016	02-Dec-2031	Granted	IDEAL Industries Lighting LLC	Lighting Fixture	
P1360	European Community	1	DES	001886138	19-May-2011			001886138-0001	19-May-2011	19-May-2038	Granted	IDEAL Industries Lighting LLC	Lighting Fixture	
P1360	China (People's Republic)		PCT	201180058225.7	03-Jun-2013	CN103229861	31-Jul-2013	ZL201180058225.7	27-Mar-2018	02-Dec-2031	Granted	IDEAL Industries Lighting LLC	Lighting Fixture	

P1360	China (People's Republic)	2	DES	201130157442.4	03-Jun-2011			ZL201130157442.4	18-Jul-2012	03-Jun-2021	Expired	IDEAL Industries Lighting LLC	Lighting Fixture	
P1360	China (People's Republic)	3	DDV	20113004559.5	03-Jun-2011			ZL20113004559.5	11-Jul-2012	03-Jun-2021	Expired	IDEAL Industries Lighting LLC	Lighting Fixture	
P1360	United States of America	2	DES	29/381,379	02-Dec-2010			D671,698	27-Nov-2012	27-Nov-2028	Granted	IDEAL Industries Lighting LLC	Lighting Fixture	
P1360	European Patent Convention		PCT	11793990.0	03-Jul-2013	2646743	09-Oct-2013	2646743	28-Mar-2018	02-Dec-2031	Granted	IDEAL Industries Lighting LLC	Lighting Fixture	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TR
P1360	European Community	3	DES	001896138-0003	19-May-2011			001896138-0003	19-May-2011	19-May-2036	Granted	IDEAL Industries Lighting LLC	Lighting Fixture	
P1360	Japan	2	DES	125522011	02-Jun-2011						Abandoned	IDEAL Industries Lighting LLC	Lighting Fixture	
P1360	United States of America	1	ORD	13042,378	07-Mar-2011	US 2012/0143485	07-Jun-2012	9,371,968	21-Jun-2016	21-Jul-2023	Granted	IDEAL Industries Lighting LLC	Lighting Fixture	
P1360	European Community	2	DES	001896138-0002	19-May-2011			001896138-0002	19-May-2011	19-May-2036	Granted	IDEAL Industries Lighting LLC	Lighting Fixture	
P1360	United States of America	0	PRD	81/413,415	02-Dec-2010					02-Dec-2011	Expired	IDEAL Industries Lighting LLC	Lighting Fixture	
P1360	Patent Cooperation Treaty		ORD	PCT/US1168290	02-Dec-2011	WO2012098942	28-Jul-2012				Inactive	IDEAL Industries Lighting LLC	Lighting Fixture	
P1360	United Kingdom	1	RFD	9001896138-0001	19-May-2011			9001896138-0001	19-May-2011	19-May-2036	Granted	IDEAL Industries Lighting LLC	Lighting Fixture	
P1360	United Kingdom	3	RFD	9001896138-0003	19-May-2011			9001896138-0003	19-May-2011	19-May-2036	Granted	IDEAL Industries Lighting LLC	Lighting Fixture	
P1360	United Kingdom	2	RFD	9001896138-0002	19-May-2011			9001896138-0002	19-May-2011	19-May-2036	Granted	IDEAL Industries Lighting LLC	Lighting Fixture	
P1364	United States of America	1	ORD	13192,755	28-Jul-2011	US 2013/0328625	31-Jan-2013	8,742,671	03-Jun-2014	07-Feb-2032	Granted	IDEAL Industries Lighting LLC	Solid State Lighting Apparatus and Methods of Using Integrated Driver Circuitry	
P1364	United States of America	2	ODN	14-202,028	30-May-2014	US2014-0268778	18-Sep-2014	9,396,654	19-Jul-2016	28-Jul-2021	Granted	IDEAL Industries Lighting LLC	Solid State Lighting Apparatus and Methods of Using Integrated Driver Circuitry	
P1364	Taiwan		ORD	101127049	26-Jul-2012	201308948	01-Feb-2013				Abandoned	IDEAL Industries Lighting LLC	Solid State Lighting Apparatus and Methods of Using Integrated Driver Circuitry	
P1364	European Patent Convention		PCT	12817733.4	26-Feb-2014						Abandoned	IDEAL Industries Lighting LLC	Solid State Lighting Apparatus and Methods of Using Integrated Driver Circuitry	
P1364	China (People's Republic)		PCT	20120004308.8	11-Mar-2014	CN103814624A	21-May-2014				Abandoned	IDEAL Industries Lighting LLC	Solid State Lighting Apparatus and Methods of Using Integrated Driver Circuitry	
P1364	Patent Cooperation Treaty		ORD	PCT/US2012/047843	20-Jul-2012	WO2013/016209A1	31-Jan-2013				Inactive	IDEAL Industries Lighting LLC	Solid State Lighting Apparatus and Methods of Using Integrated Driver Circuitry	
P1368	Patent Cooperation Treaty		ORD	PCT/US1242384	14-Jun-2012	WO 2012/17473	27-Dec-2012				Inactive	IDEAL Industries Lighting LLC	Retroreflective, Multi-Element Design for a Solid State Directional Lamp	
P1368	United States of America	1	ORD	13167,351	23-Jun-2011	US 2012/0327894	27-Dec-2012	8,777,455	15-Jul-2014	18-Dec-2031	Granted	IDEAL Industries Lighting LLC	Retroreflective, Multi-Element Design for a Solid State Directional Lamp	
P1368	Japan		PCT	2014-51700	16-Apr-2014						Abandoned	IDEAL Industries Lighting LLC	RETROREFLECTIVE, MULTI-ELEMENT DESIGN FOR A SOLID STATE DIRECTIONAL LAMP	
P1368	China (People's Republic)		PCT	20120040307.X	20-Feb-2014	103748403	20-Apr-2014				Abandoned	IDEAL Industries Lighting LLC	RETROREFLECTIVE, MULTI-ELEMENT DESIGN FOR A SOLID STATE DIRECTIONAL LAMP	
P1368	European Patent Convention		PCT	12737834.1	09-Jan-2014						Abandoned	IDEAL Industries Lighting LLC	RETROREFLECTIVE, MULTI-ELEMENT DESIGN FOR A SOLID STATE DIRECTIONAL LAMP	
P1369	United States of America	1	ORD	13167,384	23-Jun-2011	US 2012/0327857	27-Dec-2012	8,616,724	31-Dec-2013	22-Nov-2031	Granted	IDEAL Industries Lighting LLC	Solid State Directional Lamp Including Retroreflective, Multi-Element Directional Lamp Optics	
P1369	Patent Cooperation Treaty		ORD	PCT/US1242395	14-Jun-2012	WO 2012/17474	27-Dec-2012				Inactive	IDEAL Industries Lighting LLC	Solid State Directional Lamp Including Retroreflective, Multi-Element Directional Lamp Optic	
P1369	Japan		PCT	2014-51701	16-Apr-2014						Abandoned	IDEAL Industries Lighting LLC	SOLID STATE DIRECTIONAL LAMP INCLUDING RETROREFLECTIVE, MULTI-ELEMENT DIRECTIONAL LAMP	
P1369	European Patent Convention		PCT	12728320.0	09-Jan-2014						Abandoned	IDEAL Industries Lighting LLC	SOLID STATE DIRECTIONAL LAMP INCLUDING RETROREFLECTIVE, MULTI-ELEMENT DIRECTIONAL LAMP	
P1369	China (People's Republic)		PCT	20120040346.X	21-Feb-2014	103748408	23-Apr-2014				Abandoned	IDEAL Industries Lighting LLC	SOLID STATE DIRECTIONAL LAMP INCLUDING RETROREFLECTIVE, MULTI-ELEMENT DIRECTIONAL LAMP	
P1370	European Patent Convention		PCT	1272785.5	08-Jan-2014						Abandoned	IDEAL Industries Lighting LLC	Hybrid Solid State Emitter Printed Circuit Board for Use in a Solid State Directional Lamp	
P1370	United States of America	1	ORD	13167,387	23-Jun-2011	US 2012/0327870	27-Dec-2012	8,777,493	15-Jul-2014	13-Mar-2032	Granted	IDEAL Industries Lighting LLC	Hybrid Solid State Emitter Printed Circuit Board for Use in a Solid State Directional Lamp	
P1370	Patent Cooperation Treaty		ORD	PCT/US1241825	11-Jun-2012	WO 2012/17429	27-Dec-2012				Inactive	IDEAL Industries Lighting LLC	Hybrid Solid State Emitter Printed Circuit Board for Use in a Solid State Directional Lamp	
P1370	China (People's Republic)		PCT	20128004977.5	21-Feb-2014	103748413	20-Apr-2014				Abandoned	IDEAL Industries Lighting LLC	Hybrid Solid State Emitter Printed Circuit Board for Use in a Solid State Directional Lamp	
P1372	United States of America	2	DDV	29473,167	23-Nov-2013			D735,902	04-Aug-2015	04-Aug-2028	Granted	IDEAL Industries Lighting LLC	SOLID STATE DIRECTIONAL LAMP	
P1372	United States of America	1	DES	29/394,980	23-Jun-2011			D690,430	24-Dec-2013	24-Dec-2027	Granted	IDEAL Industries Lighting LLC	Solid State Directional Lamp	
P1373	United States of America	1	DES								Combined	IDEAL Industries Lighting LLC	Retroreflective, multi-element directional lamp optic (Design)	
P1374	United States of America	1	DES								Combined	IDEAL Industries Lighting LLC	Hybrid LED PCB (Design)	
P1377	United States of America	1	ORD	131028,913	16-Feb-2011	US 2011-0227489A1	22-Sep-2011	9,024,517	05-May-2015	15-May-2031	Granted	IDEAL Industries Lighting LLC	LED Lamp with Remote Phosphor and Diffuser Configuration Utilizing Red Emitters	
P1377	Taiwan		ORD	100187039	02-Mar-2011	201142315	01-Dec-2011				Abandoned	IDEAL Industries Lighting LLC	LED Lamp with Remote Phosphor and Diffuser Configuration Utilizing Red Emitters	
P1377	Patent Cooperation Treaty		ORD	PCT/US2011/00409	02-Mar-2011	WO2011/00999	09-Sep-2011				Inactive	IDEAL Industries Lighting LLC	LED Lamp with Remote Phosphor and Diffuser Configuration Utilizing Red Emitters	
P1377	United States of America	0	PRD	81/424,670	19-Dec-2010					19-Dec-2011	Expired	IDEAL Industries Lighting LLC	LED Lamp with Remote Phosphor and Diffuser Configuration Utilizing Red Emitters	
P1378	Japan	2	DES	2011-027788	30-Nov-2011			1443611	11-May-2012	11-May-2032	Granted	IDEAL Industries Lighting LLC	LED Lamp	
P1378	European Community	3	DES	001878208-0003	15-Jun-2011			001878208-0003	15-Jun-2011	15-Jun-2038	Granted	IDEAL Industries Lighting LLC	LED Lamp	
P1378	European Community	1	DES	001878208-0001	15-Jun-2011			001878208-0001	15-Jun-2011	15-Jun-2038	Granted	IDEAL Industries Lighting LLC	LED Lamp	
P1378	China (People's Republic)		DES	201130180234.X	20-Jun-2011			201130180234.X	09-Mar-2012	20-Jun-2021	Expired	IDEAL Industries Lighting LLC	LED Lamp	
P1378	European Community	2	DES	001878208-0002	15-Jun-2011			001878208-0002	15-Jun-2011	15-Jun-2038	Granted	IDEAL Industries Lighting LLC	LED Lamp	
P1378	Japan		DES	2011-013549	15-Jun-2011			1433680	20-Jan-2012	20-Jan-2032	Granted	IDEAL Industries Lighting LLC	LED Lamp	
P1378	Japan	3	DES	2011-027787	30-Nov-2011			1443612	11-May-2012	11-May-2032	Granted	IDEAL Industries Lighting LLC	LED Lamp	

P1378	Korea, Republic of		DES	30-2011-002481	17-Jun-2011			30-090262	17-Apr-2013	17-Apr-2028	Granted	IDEAL Industries Lighting LLC	LED Lamp	
P1378	United States of America	1	DES	29/301_404	19-Dec-2010			0653_385	31-Jan-2012	31-Jan-2028	Granted	IDEAL Industries Lighting LLC	LED Lamp	
P1378	Taiwan		DES	10352770	02-Jun-2011			D150721	01-Dec-2012	02-Jun-2023	Granted	IDEAL Industries Lighting LLC	LED Lamp	
P1378	United Kingdom	3	RPD	9001876208-0003	15-Jun-2011			9001876208-0003	15-Jun-2011	15-Jun-2028	Granted	IDEAL Industries Lighting LLC	LED Lamp	
P1378	United Kingdom	1	RPD	9001876208-0001	15-Jun-2011			9001876208-0001	15-Jun-2011	15-Jun-2028	Granted	IDEAL Industries Lighting LLC	LED Lamp	
P1378	United Kingdom	2	RPD	9001876208-0002	15-Jun-2011			9001876208-0002	15-Jun-2011	15-Jun-2028	Granted	IDEAL Industries Lighting LLC	LED Lamp	
P1380	Korea, Republic of		DES	30-2011-0008445	02-Mar-2011			30-0672430	07-Dec-2012	07-Dec-2027	Granted	IDEAL Industries Lighting LLC	LED Lamp	
P1380	United States of America	1	DES	29/301_405	19-Dec-2010			0653_386	31-Jan-2012	31-Jan-2028	Granted	IDEAL Industries Lighting LLC	LED Lamp	
P1380	United States of America	2	DDV	29/403_378	22-Dec-2011			0669_339	28-Aug-2012	28-Aug-2028	Granted	IDEAL Industries Lighting LLC	LED Lamp	
P1380	Taiwan		DES	10030981	02-Mar-2011						Abandoned	IDEAL Industries Lighting LLC	LED Lamp	
P1380	European Community	1-3	DES	00182907-0003	02-Mar-2011			00182907-0003	02-Mar-2011	02-Mar-2028	Granted	IDEAL Industries Lighting LLC	LED Lamp	
P1380	European Community	1-2	DES	00182907-0002	02-Mar-2011			00182907-0002	02-Mar-2011	02-Mar-2028	Granted	IDEAL Industries Lighting LLC	LED Lamp	
P1380	China (People's Republic)		DES	201110032925.1	02-Mar-2011			ZL201110032925.1	28-Sep-2011	02-Mar-2021	Expired	IDEAL Industries Lighting LLC	LED Lamp	
P1380	European Community	1	DES	00182907	02-Mar-2011			00182907-0001	02-Mar-2011	02-Mar-2028	Granted	IDEAL Industries Lighting LLC	LED Lamp	
P1380	Japan		DES	2011-004761	02-Mar-2011			1446256	06-Jul-2012	06-Jul-2022	Granted	IDEAL Industries Lighting LLC	LED Lamp	
P1380	United Kingdom	3	RPD	9001828037-0003	02-Mar-2011			9001828037-0003	02-Mar-2011	02-Mar-2028	Granted	IDEAL Industries Lighting LLC	LED Lamp	
P1380	United Kingdom	2	RPD	9001828037-0002	02-Mar-2011			9001828037-0002	02-Mar-2011	02-Mar-2028	Granted	IDEAL Industries Lighting LLC	LED Lamp	
P1380	United Kingdom	1	RPD	9001828037-0001	02-Mar-2011			9001828037-0001	02-Mar-2011	02-Mar-2028	Granted	IDEAL Industries Lighting LLC	LED Lamp	
P1387	China (People's Republic)	2	PCT	201180023837	02-Nov-2012	CN102917574A	13-Mar-2013				02-Mar-2021	Abandoned	IDEAL Industries Lighting LLC	Solid State Lamp and Bulb
P1387	Taiwan		ORD									Abandoned	IDEAL Industries Lighting LLC	Solid State Lamp and Bulb
P1387	Germany	2	EPP	11719098.6	02-Mar-2011	2542825	09-Jan-2013	2542825	15-Feb-2017	02-Mar-2031	Granted	IDEAL Industries Lighting LLC	Solid State Lamp and Bulb	
P1387	Patent Cooperation Treaty	2	ORD	PCT/US2011/03406	02-Mar-2011	WO2011/106998	09-Sep-2011					Inactive	IDEAL Industries Lighting LLC	Solid State Lamp and Bulb
P1387	Korea, Republic of	2	PCT	10-2012-7025904	02-Oct-2012	10-2013-0019089	28-Feb-2013					Abandoned	IDEAL Industries Lighting LLC	Solid State Lamp and Bulb
P1387	Taiwan	2	ORD	10010794	02-Mar-2011	201202927	16-Jan-2012					Abandoned	IDEAL Industries Lighting LLC	Solid State Lamp and Bulb
P1387	United States of America	3	PRD	61/435_759	24-Jan-2011					24-Jan-2012	Expired	IDEAL Industries Lighting LLC	Solid State Lamp and Bulb	
P1387	United States of America	1	DDP	13/028_948	16-Feb-2011	US-2011-0215989-A1	08-Sep-2011	9,062,830	23-Jun-2015	24-Sep-2030	Granted	IDEAL Industries Lighting LLC	Solid State Lamp and Bulb	
P1387	United States of America	2	DDP	13/034_501	24-Feb-2011	US-2012-0057327-A1	08-Mar-2012	9,057,511	18-Jun-2015	24-Sep-2030	Granted	IDEAL Industries Lighting LLC	Solid State Lamp and Bulb	
P1387	United States of America	0	PRD	61/434_355	19-Jan-2011					19-Jan-2012	Expired	IDEAL Industries Lighting LLC	LED Lamp with Heat Sink, Remote Phosphor and Diffuser Configuration	
P1387	European Patent Convention	2	PCT	11719098.6	28-Aug-2012	2542825	09-Jan-2013	2542825	15-Feb-2017	02-Mar-2031	Granted	IDEAL Industries Lighting LLC	Solid State Lamp and Bulb	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LU; LT; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TR
P1387	United States of America	0-2	PRD	61/435_328	23-Jan-2011					23-Jan-2012	Expired	IDEAL Industries Lighting LLC	Solid State Lamp and Bulb	
P1388	United States of America	1	DES	29/303_548	19-Jan-2011			0690_990	29-May-2012	29-May-2028	Granted	IDEAL Industries Lighting LLC	LED Lamp	
P1388	Japan		DES	2011-004762	02-Mar-2011			1446257	06-Jul-2012	06-Jul-2022	Granted	IDEAL Industries Lighting LLC	LED Lamp	
P1388	European Community	1	DES	001829078	02-Mar-2011			001829078-0001	02-Mar-2011	02-Mar-2028	Granted	IDEAL Industries Lighting LLC	LED Lamp	
P1388	China (People's Republic)		DES	201110032927.0	02-Mar-2011			ZL201110032927.0	16-Nov-2011	02-Mar-2021	Expired	IDEAL Industries Lighting LLC	LED Lamp	
P1388	European Community	1-2	DES	001829078-0002	02-Mar-2011			001829078-0002	02-Mar-2011	02-Mar-2028	Granted	IDEAL Industries Lighting LLC	LED Lamp	
P1388	Korea, Republic of		DES	30-2011-0008446	02-Mar-2011			30-0672430-01	09-Jul-2013	07-Dec-2027	Granted	IDEAL Industries Lighting LLC	LED Lamp	
P1388	Taiwan		DES	10030981U01	02-Mar-2011			D152382	11-Mar-2013	02-Mar-2023	Granted	IDEAL Industries Lighting LLC	LED Lamp	
P1388	United States of America	2	DDV	29/413_564	22-Feb-2012			0679_035	28-Mar-2013	28-Mar-2027	Granted	IDEAL Industries Lighting LLC	LED Lamp	
P1388	European Community	1-3	DES	001829078-0003	02-Mar-2011			001829078-0003	02-Mar-2011	02-Mar-2028	Granted	IDEAL Industries Lighting LLC	LED Lamp	
P1388	United Kingdom	1	RPD	9001828078-0001	02-Mar-2011			9001828078-0001	02-Mar-2011	02-Mar-2028	Granted	IDEAL Industries Lighting LLC	LED Lamp	
P1388	United Kingdom	2	RPD	9001828078-0002	02-Mar-2011			9001828078-0002	02-Mar-2011	02-Mar-2028	Granted	IDEAL Industries Lighting LLC	LED Lamp	
P1388	United Kingdom	3	RPD	9001828078-0003	02-Mar-2011			9001828078-0003	02-Mar-2011	02-Mar-2028	Granted	IDEAL Industries Lighting LLC	LED Lamp	
P1389	United States of America	1	DES								Inactive	IDEAL Industries Lighting LLC	Hybrid Reflector System for Lighting Device - LBR-30 (Design)	
P1390	United States of America	1	DES	29/303_042	11-Jan-2011			0670_697	01-Jan-2013	01-Jan-2027	Granted	IDEAL Industries Lighting LLC	Lighting Device	
P1391	United States of America	1	DES	29/302_954	10-Jan-2011						Abandoned	IDEAL Industries Lighting LLC	Lighting Device	
P1391	United States of America	2	DES	29/303_040	11-Jan-2011			0679_033	28-Mar-2013	28-Mar-2027	Granted	IDEAL Industries Lighting LLC	Lighting Device	
P1392	United States of America	1	ORD								Inactive	IDEAL Industries Lighting LLC	4000K Lamp Giving 5000K Color Rendering Characteristics	
P1393	United States of America	1	ORD								Inactive	IDEAL Industries Lighting LLC	Tailoring a Light to Render with Other Than White Light	

P1394	United States of America	1	DES	29/384,101	26-Jan-2011				06/79,881	26-Feb-2013	29-Feb-2027	Granted	IDEAL Industries Lighting LLC	Hybrid Reflector System for Lighting Device	
P1399	Patent Cooperation Treaty		ORD	PCT/US2012/037194	10-May-2012	WC02012158438	22-Nov-2012					Inactive	IDEAL Industries Lighting LLC	UV Stable Optical Element and LED Lamp Using Same	
P1399	United States of America	1	ORD	13/108,115	16-May-2011	20120200392	22-Nov-2012	8,694,884		19-Dec-2013	19-May-2031	Granted	IDEAL Industries Lighting LLC	UV Stable Optical Element and LED Lamp Using Same	
P1400	United Kingdom		EPP	12720716.5	18-Nov-2013	2999840	26-Feb-2014	2999840		12-Feb-2020	10-Apr-2032	Granted	IDEAL Industries Lighting LLC	LED Luminaire Including a Thin Phosphor Layer Applied to a Remote Reflector	AI; BM; F; FK; GD; GG; G; GY; HK; JE; KI; KY; MS; NR; SB; SC; SH; SL; TC; TV; VC; VO; VU
P1400	European Patent Convention		PCT	12720716.5	18-Nov-2013	2999840	26-Feb-2014	2999840		12-Feb-2020	10-Apr-2032	Granted	IDEAL Industries Lighting LLC	LED Luminaire Including a Thin Phosphor Layer Applied to a Remote Reflector	AI; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SK; SM; TR
P1400	United States of America	1	FRI	13/088,080	18-Apr-2011	US20120282802	18-Oct-2012	9,316,368		19-Apr-2016	31-Dec-2032	Granted	IDEAL Industries Lighting LLC	LED Luminaire Including a Thin Phosphor Layer Applied to a Remote Reflector	
P1400	Patent Cooperation Treaty		ORD	PCT/US12/32855	10-Apr-2012	WC02012145193	26-Oct-2012					Inactive	IDEAL Industries Lighting LLC	LED Luminaire Including a Thin Phosphor Layer Applied to a Remote Reflector	
P1406	Germany		EPP	1286970.8	17-Jul-2014	2796010	29-Oct-2014	602012061827.1		12-Jun-2019	20-Dec-2032	Granted	IDEAL Industries Lighting LLC	Apparatus and Methods for Control of a Light Emitting Device Using Power Line Communication	
P1406	European Patent Convention		PCT	1286970.8	17-Jul-2014	2796010	29-Oct-2014	2796010		12-Jun-2019	20-Dec-2032	Granted	IDEAL Industries Lighting LLC	Apparatus and Methods for Control of a Light Emitting Device Using Power Line Communication	AI; AT; BA; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; KH; LI; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SK; SM; TN; TR
P1406	United States of America	1	FRI	13/321,795	20-Dec-2011	2013-0154502	20-Jun-2013	9,066,382		23-Jun-2019	26-Jan-2033	Granted	IDEAL Industries Lighting LLC	Apparatus and Methods for Control of a Light Emitting Device Using Power Line Communication	
P1409	Patent Cooperation Treaty		ORD	PCT/US2012/070800	20-Dec-2012	WC02013-099547	27-Jun-2013					Inactive	IDEAL Industries Lighting LLC	Apparatus and Methods for Control of a Light Emitting Device Using Power Line Communication	
P1407	Germany		EPP	12850396.8	13-Jun-2014	2781139	24-Sep-2014	2781139		18-Sep-2019	09-Nov-2032	Granted	IDEAL Industries Lighting LLC	Solid State Lighting Switches and Fixtures Providing Selectively Linked Dimming and Color Control and Methods of Operating	
P1407	United Kingdom		EPP	12850396.8	13-Jun-2014	2781139	24-Sep-2014	2781139		18-Sep-2019	09-Nov-2032	Granted	IDEAL Industries Lighting LLC	Solid State Lighting Switches and Fixtures Providing Selectively Linked Dimming and Color Control and Methods of Operating	AI; BM; F; FK; GD; GG; G; GY; HK; JE; KI; KY; MS; NR; SB; SC; SH; SL; TC; TV; VC; VO; VU
P1407	Italy		EPP	552019000099672	13-Jun-2014	2781139	24-Sep-2014	2781139		18-Sep-2019	09-Nov-2032	Granted	IDEAL Industries Lighting LLC	Solid State Lighting Switches and Fixtures Providing Selectively Linked Dimming and Color Control and Methods of Operating	
P1407	Netherlands		EPP	12850396.8	13-Jun-2014	2781139	24-Sep-2014	2781139		18-Sep-2019	09-Nov-2032	Granted	IDEAL Industries Lighting LLC	Solid State Lighting Switches and Fixtures Providing Selectively Linked Dimming and Color Control and Methods of Operating	
P1407	China (People's Republic)		PCT	201280092008.X	16-Jun-2014	CN103999559A	20-Aug-2014	ZL2012100062008.X		29-Sep-2017	09-Nov-2032	Granted	IDEAL Industries Lighting LLC	Solid State Lighting Switches and Fixtures Providing Selectively Linked Dimming and Color Control and Methods of Operating	
P1407	Patent Cooperation Treaty		ORD	PCT/US2012/64434	09-Nov-2012	US2013-0119872A1	18-May-2013					Inactive	IDEAL Industries Lighting LLC	Solid State Lighting Switches and Fixtures Providing Selectively Linked Dimming and Color Control and Methods of Operating	
P1407	United States of America	3	DDN	15/284,982	30-Dec-2016	2017-0111970	20-Apr-2017	9,854,824		26-Dec-2017	14-Nov-2021	Granted	IDEAL Industries Lighting LLC	Solid State Lighting Switches and Fixtures Providing Dimming and Color Control	
P1407	United States of America	2	DDN	14/273,977	08-May-2014	US2014-0232297	21-Aug-2014	9,580,708		31-Jan-2017	14-Nov-2021	Granted	IDEAL Industries Lighting LLC	Solid State Lighting Switches and Fixtures Providing Selectively Linked Dimming and Color Control and Methods of Operating	
P1407	European Patent Convention		PCT	12850396.8	13-Jun-2014	2781139	24-Sep-2014	2781139		18-Sep-2019	09-Nov-2032	Granted	IDEAL Industries Lighting LLC	Solid State Lighting Switches and Fixtures Providing Selectively Linked Dimming and Color Control and Methods of Operating	AI; AT; BA; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; KH; LI; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SK; SM; TN; TR
P1407	United States of America	1	ORD	13/255,809	14-Nov-2011	20130118872	16-May-2013	8,738,188		27-May-2014	24-Jan-2032	Granted	IDEAL Industries Lighting LLC	Solid State Lighting Switches and Fixtures Providing Selectively Linked Dimming and Color Control and Methods of Operating	
P1414	United States of America	1	ORD	13/162,017	13-Jul-2011	2013016508A1	17-Jan-2013					Abandoned	IDEAL Industries Lighting LLC	Variable Thickness Globe	
P1414	Patent Cooperation Treaty		ORD	PCT/US2012/045423	03-Jul-2012	WC02013039542	17-Jan-2013					Inactive	IDEAL Industries Lighting LLC	Variable Thickness Globe	
P1418	Patent Cooperation Treaty		ORD	PCT/US2011/03400	02-Mar-2011	WC02011030994	09-Sep-2011					Inactive	IDEAL Industries Lighting LLC	LED Lamp Incorporating Remote Phosphor and Diffuser with Heat Dissipation Features	
P1418	United States of America	1	CIP	13/028,005	16-Feb-2011	US-2011-0215700A1	08-Sep-2011	8,632,198		21-Jan-2014	27-Jul-2030	Granted	IDEAL Industries Lighting LLC	LED Lamp Incorporating Remote Phosphor and Diffuser with Heat Dissipation Features	
P1418	China (People's Republic)		PCT	201180032806.X	05-Nov-2012	CN10289372A	23-Jan-2013	ZL201110032806.X		16-Mar-2016	02-Mar-2031	Granted	IDEAL Industries Lighting LLC	LED Lamp Incorporating Remote Phosphor and Diffuser with Heat Dissipation Features	
P1418	United States of America	2	DDN	14/108,815	17-Dec-2013	US2014-0163984	03-Jul-2014	10,886,762		26-May-2020	02-Aug-2030	Granted	IDEAL Industries Lighting LLC	LED Lamp Incorporating Remote Phosphor and Diffuser with Heat Dissipation Features	
P1418	Taiwan		ORD	1001/07041	02-Mar-2011	201144884	18-Dec-2011					Abandoned	IDEAL Industries Lighting LLC	LED Lamp Incorporating Remote Phosphor and Diffuser with Heat Dissipation Features	
P1419	United States of America	1	ORD	13/042,388	07-Mar-2011	20120140480	07-Jun-2012	8,894,253		25-Nov-2014	10-Sep-2032	Granted	IDEAL Industries Lighting LLC	Heat Transfer Bracket for Lighting Fixture	
P1419	Patent Cooperation Treaty		ORD	PCT/US11/62992	02-Dec-2011	WC02012078458	14-Jun-2012					Inactive	IDEAL Industries Lighting LLC	Heat Transfer Bracket for Lighting Fixture	
P1423	Australia		DES	13109/2011	13-Jul-2011			337989		08-Aug-2011	13-Jul-2021	Expired	IDEAL Industries Lighting LLC	Troffer-Style Lighting Fixture	
P1423	Korea, Republic of		DES	30-2011-0038114	08-Sep-2011			30-0716328		12-Nov-2013	12-Nov-2028	Granted	IDEAL Industries Lighting LLC	Troffer-Style Lighting Fixture	
P1423	Taiwan		DES	100304723	08-Sep-2011			D147458		01-Jun-2012	08-Sep-2023	Abandoned	IDEAL Industries Lighting LLC	Troffer-Style Lighting Fixture	
P1423	United States of America	1	DES	29/387,170	09-Mar-2011			D687,156		11-Sep-2012	11-Sep-2026	Granted	IDEAL Industries Lighting LLC	Troffer-Style Lighting Fixture	
P1423	China (People's Republic)		DES	20113024381.8	28-Jul-2011			ZL201130244381.8		14-Mar-2012	28-Jul-2021	Expired	IDEAL Industries Lighting LLC	Troffer-Style Lighting Fixture	
P1423	Japan		DES	2011-018570	12-Aug-2011			1482196		18-Jan-2013	18-Jan-2033	Granted	IDEAL Industries Lighting LLC	Troffer-Style Lighting Fixture	
P1423	European Community		DES	001288892-0002	22-Jul-2011			001288892-0002		22-Jul-2011	22-Jul-2036	Granted	IDEAL Industries Lighting LLC	Troffer-Style Lighting Fixture	
P1423	United Kingdom		RFD	9001288892-0002	22-Jul-2011			9001288892-0002		22-Jul-2011	22-Jul-2036	Granted	IDEAL Industries Lighting LLC	Troffer-Style Lighting Fixture	
P1424	Korea, Republic of		DES	30-2011-0038115	08-Sep-2011			30-0716328-05-02		17-Jan-2014	17-Jan-2029	Granted	IDEAL Industries Lighting LLC	Troffer-Style Lighting Fixture	
P1424	Taiwan		DES	100304724	08-Sep-2011			D-147459		01-Jun-2012	08-Sep-2023	Abandoned	IDEAL Industries Lighting LLC	Troffer-Style Lighting Fixture	
P1424	Japan		DES	2011-018571	12-Aug-2011			1482606		18-Jan-2013	18-Jan-2033	Granted	IDEAL Industries Lighting LLC	Troffer-Style Lighting Fixture	
P1424	Australia		DES	13119/2011	13-Jul-2011			338244		25-Aug-2011	13-Jul-2021	Expired	IDEAL Industries Lighting LLC	Troffer-Style Lighting Fixture	
P1424	China (People's Republic)		DES	201130244345.9	28-Jul-2011			ZL201130244345.9		11-Apr-2012	28-Jul-2021	Expired	IDEAL Industries Lighting LLC	Troffer-Style Lighting Fixture	
P1424	European Community		DES	001288892-0001	22-Jul-2011			001288892-0001		22-Jul-2011	22-Jul-2036	Granted	IDEAL Industries Lighting LLC	Troffer-Style Lighting Fixture	
P1424	United States of America	1	DES	29/387,171	09-Mar-2011			D673,711		01-Jan-2013	01-Jan-2027	Granted	IDEAL Industries Lighting LLC	Troffer-Style Lighting Fixture	
P1424	United Kingdom		RFD	9001288892-0001	22-Jul-2011			9001288892-0001		22-Jul-2011	22-Jul-2036	Granted	IDEAL Industries Lighting LLC	Troffer-Style Lighting Fixture	
P1430	United States of America	1	DES	29/387,172	09-Mar-2011			D687,383		25-Sep-2012	25-Sep-2026	Granted	IDEAL Industries Lighting LLC	Troffer-Style Lighting Fixture	
P1430	Japan		DES	2011-018572	12-Aug-2011			1482197		18-Jan-2013	18-Jan-2033	Granted	IDEAL Industries Lighting LLC	Troffer-Style Lighting Fixture	

P1430	Australia		DES	1311/2011	13-Jul-2011			337990	08-Aug-2011	13-Jul-2021	Expired	IDEAL Industries Lighting LLC	Trefoil-Style Lighting Fixture	
P1430	European Community		DES	00120802/0003	22-Jul-2011			00120802/0003	22-Jul-2011	22-Jul-2008	Granted	IDEAL Industries Lighting LLC	Trefoil-Style Lighting Fixture	
P1430	Taiwan		DES	103504725	08-Sep-2011			D147480	01-Jun-2012	08-Sep-2023	Abandoned	IDEAL Industries Lighting LLC	Trefoil-Style Lighting Fixture	
P1430	China (People's Republic)		DES	201130244343 X	28-Jul-2011			ZL201130244343 X	04-Apr-2012	28-Jul-2021	Expired	IDEAL Industries Lighting LLC	Trefoil-Style Lighting Fixture	
P1430	Korea, Republic of		DES	30-2011-0038116	09-Sep-2011			30-0716829-00-01	12-Nov-2013	12-Nov-2028	Granted	IDEAL Industries Lighting LLC	Trefoil-Style Lighting Fixture	
P1430	United Kingdom		RPD	800120802/0003	22-Jul-2011			800120802/0003	22-Jul-2011	22-Jul-2008	Granted	IDEAL Industries Lighting LLC	Trefoil-Style Lighting Fixture	
P1432	Germany		EPP	12789197.0	24-Mar-2014	2749126	02-Jul-2014	602012071031.4	01-Jul-2020	20-Aug-2032	Granted	IDEAL Industries Lighting LLC	Modularized LED Lamp	
P1432	Netherlands		EPP	12789197.0	24-Mar-2014	2749126	02-Jul-2014	2749126	01-Jul-2020	20-Aug-2032	Granted	IDEAL Industries Lighting LLC	Modularized LED Lamp	
P1432	European Patent Convention		PCT	12789197.0	24-Mar-2014	2749126	02-Jul-2014	2749126	01-Jul-2020	20-Aug-2032	Appealed	IDEAL Industries Lighting LLC	Modularized LED Lamp	AI; AT; BE; BQ; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SK; SM; TR
P1432	United States of America	1	PR	13218.657	26-Aug-2011	20130049603	28-Feb-2013	8,636,231	16-Sep-2014	27-Sep-2032	Granted	IDEAL Industries Lighting LLC	Modularized LED Lamp	
P1432	Patent Cooperation Treaty		ORD	PCT/US2012/051527	20-Aug-2012	WO2013032752	07-Mar-2013				Inactive	IDEAL Industries Lighting LLC	Modularized LED Lamp	
P1437	China (People's Republic)		PCT	201280033537.7	05-Jan-2014	CN103649603	19-Mar-2014	ZL201280033537.7	17-May-2014	04-Jun-2032	Granted	IDEAL Industries Lighting LLC	Lens and Trim Attachment Structure For Solid State Downlights	
P1437	European Patent Convention		PCT	12807089.3	03-Jan-2014	2729731	14-May-2014	2729731	26-Jul-2017	04-Jun-2032	Granted	IDEAL Industries Lighting LLC	Lens and Trim Attachment Structure for Solid State Downlights	AI; AT; BE; BQ; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SK; SM; TR
P1437	Germany		EPP	12807089.3	04-Jun-2012	2729731	14-May-2014	2729731	26-Jul-2017	04-Jun-2032	Granted	IDEAL Industries Lighting LLC	Lens and Trim Attachment Structure for Solid State Downlights	
P1437	United States of America	1	ORD	13178.827	06-Jul-2011	US 201310010476	10-Jan-2013	8,664,569	01-Apr-2014	12-Oct-2031	Granted	IDEAL Industries Lighting LLC	Lens and Trim Attachment Structure for Solid State Downlights	
P1437	Patent Cooperation Treaty		ORD	PCT/US2012/040814	04-Jun-2012	WO 2013/008236	10-Jan-2013				Inactive	IDEAL Industries Lighting LLC	LENS AND TRIM ATTACHMENT STRUCTURE FOR SOLID STATE DOWNLIGHTS	
P1439	European Patent Convention		PCT	1273441.6	17-Apr-2014	2758709	30-Jul-2014				Abandoned	IDEAL Industries Lighting LLC	Specular Reflector and LED Lamps Using Same	
P1439	Korea, Republic of		PCT	10-2014-7039411	09-Apr-2014	10-2014-03060175	05-Jun-2014				Abandoned	IDEAL Industries Lighting LLC	Specular Reflector and LED Lamps Using Same	
P1439	United States of America	1	ORD	13208.762	20-Sep-2011	20120070481	21-Mar-2013	8,840,278	23-Sep-2014	26-Jul-2032	Granted	IDEAL Industries Lighting LLC	Specular Reflector and LED Lamps Using Same	
P1439	Patent Cooperation Treaty		ORD	PCT/US12/054981	13-Sep-2012	WO2013045441	28-Mar-2013				Inactive	IDEAL Industries Lighting LLC	Specular Reflector and LED Lamps Using Same	
P1439	China (People's Republic)		PCT	201280056280.7	15-May-2014	CN103630715	16-Jul-2014				Abandoned	IDEAL Industries Lighting LLC	Specular Reflector and LED Lamps Using Same	
P1440	Germany	1	EPP	12717899.5	19-Nov-2013	2702442	05-Mar-2014	2702442	13-Mar-2019	13-Apr-2032	Granted	IDEAL Industries Lighting LLC	Solid State Lamp	
P1440	European Patent Convention		PCT	12717899.5	19-Nov-2013	2702442	05-Mar-2014	2702442	13-Mar-2019	13-Apr-2032	Granted	IDEAL Industries Lighting LLC	Solid State Lamp	AI; AT; BA; BE; BQ; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SK; SM; TR
P1440	United States of America	1	ORD	13/003.085	25-Apr-2011	20120280930	25-Oct-2012	9,470,882	18-Oct-2016	02-Jul-2034	Granted	IDEAL Industries Lighting LLC	Optical Arrangement for a Solid State Lamp	
P1440	Patent Cooperation Treaty		ORD	PCT/US12/33427	13-Apr-2012	WO2012146897	01-Nov-2012				Inactive	IDEAL Industries Lighting LLC	Optical Arrangement for a Solid State Lamp	
P1441	Patent Cooperation Treaty		ORD	PCT/US2012/059940	12-Oct-2012	WO2013059268	25-Apr-2013				Inactive	IDEAL Industries Lighting LLC	Solid State Lighting Device	
P1441	China (People's Republic)		PCT	2012800827318	18-Jun-2014	CN104040247	10-Sep-2014				Abandoned	IDEAL Industries Lighting LLC	Solid State Lighting Device	
P1441	United States of America	2	ODN	14178.250	10-Feb-2014	20140152223	05-Jun-2014	9,380,988	05-Jul-2016	19-Oct-2031	Granted	IDEAL Industries Lighting LLC	Solid State Lighting Device	
P1441	United States of America	1	ORD	13276.881	19-Oct-2011	20130100558	25-Apr-2013	8,878,813	25-Mar-2014	11-Feb-2032	Granted	IDEAL Industries Lighting LLC	Solid State Lighting Device	
P1442	United States of America	1	ORD	13/100.385	04-May-2011	US2012-0208021	08-Nov-2012	8,901,845	02-Dec-2014	11-Aug-2032	Granted	IDEAL Industries Lighting LLC	Temperature Responsive Control for Lighting Apparatus Including Light Emitting Diodes Providing Different Chromaticities and Related Methods	
P1443	Patent Cooperation Treaty		ORD	PCT/US12/26743	27-Feb-2012	WO201216821	20-Nov-2012				Inactive	IDEAL Industries Lighting LLC	Composite Lens with Diffusion	
P1443	China (People's Republic)		PCT	20120023405.0	15-Nov-2013	103534620	22-Jan-2014				Abandoned	IDEAL Industries Lighting LLC	Composite Lens with Diffusion	
P1443	European Patent Convention		PCT	12716112.3	14-Oct-2013	2886717	22-Jan-2014			27-Feb-2032	Abandoned	IDEAL Industries Lighting LLC	Composite Lens with Diffusion	AI; AT; BE; BQ; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SK; SM; TR
P1443	United States of America	0	PRO	81452.671	15-Mar-2011					15-Mar-2012	Expired	IDEAL Industries Lighting LLC	Composite Lenses with Diffusion	
P1443	United States of America	1	ORD	13/108.967	16-May-2011	20120203572	20-Sep-2012	8,573,818	05-Nov-2013	21-Oct-2031	Granted	IDEAL Industries Lighting LLC	Composite Lens with Diffusion	
P1448	Germany		EPP	127201018	30-Mar-2012	2895487	12-Feb-2014	602012070068.1	13-May-2020	30-Mar-2032	Granted	IDEAL Industries Lighting LLC	Lighting Module	
P1448	United States of America	0	PRO	81470.771	01-Apr-2011					01-Apr-2012	Expired	IDEAL Industries Lighting LLC	Lighting Fixture with Modular AC/DC Module	
P1448	Patent Cooperation Treaty		ORD	PCT/US12/31493	30-Mar-2012	WO2012135540	04-Oct-2012				Inactive	IDEAL Industries Lighting LLC	Lighting Module	
P1448	Korea, Republic of		PCT	10-2013-7028574	29-Oct-2013			2037530	22-Oct-2019	30-Mar-2032	Granted	IDEAL Industries Lighting LLC	Lighting Module	
P1448	Japan		PCT	2014-502829	01-Oct-2013	2014-512656	22-May-2014	5941134	27-May-2016	30-Mar-2032	Abandoned	IDEAL Industries Lighting LLC	Lighting Module	
P1448	European Patent Convention		PCT	127200108	30-Mar-2012	2895487	12-Feb-2014	2895487	13-May-2020	30-Mar-2032	Granted	IDEAL Industries Lighting LLC	Lighting Module	AI; AT; BE; BQ; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SK; SM; TR
P1448	China (People's Republic)		PCT	201280026327.5	28-Sep-2013	CN103563485	05-Feb-2014	ZL201280026327.5	15-Feb-2017	30-Mar-2032	Granted	IDEAL Industries Lighting LLC	Lighting Module	
P1448	United States of America	1	ORD	13435.783	30-Mar-2012	20120282085	18-Oct-2012	8,890,414	18-Nov-2014	30-Nov-2031	Granted	IDEAL Industries Lighting LLC	Lighting Module	
P1449	United States of America	1	ORD	13/327.503	15-Dec-2011	US 2013/0154507	20-Jun-2013	9,106,133	11-Aug-2015	28-Jul-2033	Granted	IDEAL Industries Lighting LLC	ARRANGEMENTS OF CURRENT CONDUCTION FOR SIMO CONVERTERS	
P1449	Patent Cooperation Treaty		ORD	PCT/US2012/099870	14-Dec-2012						Inactive	IDEAL Industries Lighting LLC	ARRANGEMENTS OF CURRENT CONDUCTION FOR SIMO CONVERTERS	
P1450	United States of America	1	ORD	13/327.495	15-Dec-2011	US 2013/0154507	20-Jun-2013	8,786,211	22-Jul-2014	30-Apr-2032	Granted	IDEAL Industries Lighting LLC	CURRENT CONTROL FOR SIMO CONVERTERS	
P1450	Patent Cooperation Treaty		ORD	PCT/US2012/099868	14-Dec-2012	WO 2013/000677	20-Jun-2013				Inactive	IDEAL Industries Lighting LLC	CURRENT CONTROL FOR SIMO CONVERTERS	
P1451	United States of America	1	ORD	13/327.511	15-Dec-2011	US 2013/0154508	20-Jun-2013	9,099,981	04-Aug-2015	18-Jul-2033	Granted	IDEAL Industries Lighting LLC	INTEGRATING CIRCUITRY FOR MEASURING CURRENT IN A SIMO CONVERTER	

P1451	Patent Cooperation Treaty		ORD	PCT/US2012/099732	14-Dec-2012	WO 2013/000710	20-Jun-2013				Inactive	IDEAL Industries Lighting LLC	INTEGRATING CIRCUITRY FOR MEASURING CURRENT IN A SMAC CONVERTER	
P1452	United States of America	1	ORD	13103303	09-May-2011	20120207619	15-Nov-2012	8,833,980	16-Sep-2014	28-Jan-2012	Granted	IDEAL Industries Lighting LLC	High Efficiency LED Lamp	
P1452	Patent Cooperation Treaty		ORD	PCT/US2012/036731	07-May-2012	WO2012154545	15-Nov-2012				Inactive	IDEAL Industries Lighting LLC	High Efficiency LED Lamp	
P1452	United States of America	2	CIP	13190661	26-Jul-2011	20120207601	15-Nov-2012	9,797,589	24-Oct-2017	09-May-2021	Granted	IDEAL Industries Lighting LLC	High Efficiency LED Lamp	
P1452	China (People's Republic)		PCT	20120032637.8	08-Jan-2014	103649626	19-Mar-2014				Abandoned	IDEAL Industries Lighting LLC	High Efficiency LED Lamp	
P1452	United States of America	3	CIP	131601874	30-Jul-2012	20130091002	28-Feb-2013	10,094,548	09-Oct-2016	02-Nov-2021	Granted	IDEAL Industries Lighting LLC	High Efficiency LED Lamp	
P1454	European Patent Convention		PCT	1286344.0	28-Jul-2014						Abandoned	IDEAL Industries Lighting LLC	Solid-State Lighting Apparatus and Methods Using Parallel-Connected Segment Bypass Circuits	
P1454	United States of America	1	ORD	131391974	26-Dec-2011	US2013-0186159	04-Jul-2013	9,181,021	04-Aug-2015	05-Dec-2032	Granted	IDEAL Industries Lighting LLC	Solid-State Lighting Apparatus and Methods Using Parallel-Connected Segment Bypass Circuits	
P1454	China (People's Republic)		PCT	20120099605.5	13-Aug-2014	104115562	22-Oct-2014	ZL20120009605.5	24-Aug-2016	21-Dec-2032	Granted	IDEAL Industries Lighting LLC	Solid-State Lighting Apparatus and Methods Using Parallel-Connected Segment Bypass Circuits	
P1454	Patent Cooperation Treaty		ORD	PCT/US2012/11306	21-Dec-2012	WO2013101759	04-Jul-2013				Inactive	IDEAL Industries Lighting LLC	Solid-State Lighting Apparatus and Methods Using Parallel-Connected Segment Bypass Circuits	
P1459	Taiwan		ORD	101131463	26-Aug-2012	201215287	01-Apr-2013				Abandoned	IDEAL Industries Lighting LLC	Solid-State Lighting Apparatus and Methods Using Energy Storage	
P1459	United States of America	1	ORD	13235103	16-Sep-2011	US2013/00089535	21-Mar-2013	9,131,561	08-Sep-2015	12-Jul-2022	Granted	IDEAL Industries Lighting LLC	Solid-State Lighting Apparatus and Methods Using Energy Storage	
P1459	Patent Cooperation Treaty		ORD	PCT/US2012/054036	12-Sep-2012	WO2013/040038	21-Mar-2013				Inactive	IDEAL Industries Lighting LLC	Solid-State Lighting Apparatus and Methods Using Energy Storage	
P1460	European Patent Convention		PCT	13713810.7	03-Sep-2014	2826138	21-Jan-2015				Abandoned	IDEAL Industries Lighting LLC	POWER SUPPLY THAT MAINTAINS AUXILIARY BIAS WITHIN TARGET RANGE	
P1460	United States of America	1	ORD	134171652	12-Mar-2012	US 2013/0234621	12-Sep-2013	8,981,673	17-Mar-2015	13-Oct-2032	Granted	IDEAL Industries Lighting LLC	POWER SUPPLY THAT MAINTAINS AUXILIARY BIAS WITHIN TARGET RANGE	
P1460	United States of America	2	DDN	14/691.501	16-Mar-2015	20150259069	10-Sep-2015	9,246,388	26-Jan-2016	12-Mar-2032	Granted	IDEAL Industries Lighting LLC	POWER SUPPLY THAT MAINTAINS AUXILIARY BIAS WITHIN TARGET RANGE	
P1460	Patent Cooperation Treaty		ORD	PCT/US2013/0030135	11-Mar-2013	WO 2013/133620	19-Sep-2013				Inactive	IDEAL Industries Lighting LLC	POWER SUPPLY THAT MAINTAINS AUXILIARY BIAS WITHIN TARGET RANGE	
P1461	China (People's Republic)		PCT	201200052473.5	25-Apr-2014	103269680	25-Jun-2014	ZL201200052473.5	13-Jan-2016	10-Sep-2032	Granted	IDEAL Industries Lighting LLC	Solid-State Lighting Apparatus and Methods Using Current Diversion Controlled by Lighting Device Bias States	
P1461	Patent Cooperation Treaty		ORD	PCT/US2012/054304	10-Sep-2012	WO2013/026811	21-Mar-2013				Inactive	IDEAL Industries Lighting LLC	Solid-State Lighting Apparatus and Methods Using Current Diversion Controlled by Lighting Device Bias States	
P1461	United States of America	1	ORD	13235127	16-Sep-2011	US2013/00089538	21-Mar-2013	9,277,805	01-Mar-2016	13-Apr-2032	Granted	IDEAL Industries Lighting LLC	Solid-State Lighting Apparatus and Methods Using Current Diversion Controlled by Lighting Device Bias States	
P1461	Taiwan		ORD	101131243	26-Aug-2012	201216834	16-Apr-2013				Abandoned	IDEAL Industries Lighting LLC	Solid-State Lighting Apparatus and Methods Using Current Diversion Controlled by Lighting Device Bias States	
P1461	European Patent Convention		PCT	12831390.5	20-Mar-2014	2745182	25-Jun-2014				Abandoned	IDEAL Industries Lighting LLC	Solid-State Lighting Apparatus and Methods Using Current Diversion Controlled by Lighting Device Bias States	
P1464	United States of America	0	PRD	61/911,069	24-Jul-2011					24-Jul-2012	Expired	IDEAL Industries Lighting LLC	Light Fixture with Co-Formed Plenum Components	
P1464	United States of America	1	ORD	13/338,562	26-Dec-2011	20130021603	24-Jan-2013	8,752,976	17-Jun-2014	07-Nov-2031	Granted	IDEAL Industries Lighting LLC	Light Fixture with Co-Formed Plenum Component	
P1464	European Patent Convention		ORD	12743018.9	20-Jul-2012	2734761	28-May-2014	2734761	08-Sep-2017	20-Jul-2032	Granted	IDEAL Industries Lighting LLC	Light Fixture with Co-Formed Plenum Component	AL; AT; BE; BO; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TR
P1464	Germany		EPC	12743018.9	20-Jul-2012	2734761	28-May-2014	2734761	08-Sep-2017	20-Jul-2032	Granted	IDEAL Industries Lighting LLC	Light Fixture with Co-Formed Plenum Component	
P1464	China (People's Republic)		ORD	20120045068.1	20-Jul-2012	103842717	04-Jun-2014				Abandoned	IDEAL Industries Lighting LLC	Light Fixture with Co-Formed Plenum Component	
P1464	Patent Cooperation Treaty		ORD	PCT/US12/47502	20-Jul-2012	WO2013/016150	31-Jan-2013				Inactive	IDEAL Industries Lighting LLC	Light Fixture with Co-Formed Plenum Component	
P1465	European Patent Convention		ORD	12742888.3	12-Jun-2012	2734763	28-May-2014				Abandoned	IDEAL Industries Lighting LLC	Light Fixture with Coextruded Components	
P1465	Patent Cooperation Treaty		ORD	PCT/US2012/046368	12-Jul-2012	WO2013/016001	31-Jan-2013				Inactive	IDEAL Industries Lighting LLC	Light Fixture with Coextruded Components	
P1465	United States of America	0	PRD	61/911,067	24-Jul-2011					24-Jul-2012	Expired	IDEAL Industries Lighting LLC	Lighting Fixture with Coextruded Components	
P1465	China (People's Republic)		ORD	20120046401.X	12-Jun-2012	103814251	21-May-2014				Abandoned	IDEAL Industries Lighting LLC	Light Fixture with Coextruded Components	
P1465	United States of America	1	ORD	13/338,437	26-Dec-2011	20130021777A1	24-Jan-2013	9,534,765	03-Jan-2017	26-Jan-2032	Granted	IDEAL Industries Lighting LLC	Light Fixture with Coextruded Components	
P1467	United States of America	1	ORD								Combined	IDEAL Industries Lighting LLC	Double-Plate Stamp-Fin Heat Sink Design and Method of Making Such	
P1473	China (People's Republic)		PCT	20120040847.1	21-Feb-2014	103748412	23-Apr-2014				Abandoned	IDEAL Industries Lighting LLC	Solid State Retroreflective Directional Lamp	
P1473	United States of America	1	ORD	131671410	23-Jun-2011	US 2012/0327865	27-Dec-2012	8,757,840	24-Jun-2014	02-May-2032	Granted	IDEAL Industries Lighting LLC	Solid State Retroreflective Directional Lamp	
P1473	Patent Cooperation Treaty		ORD	PCT/US12/41822	11-Jun-2012	WO 2013/177428	27-Dec-2012				Inactive	IDEAL Industries Lighting LLC	Solid State Retroreflective Directional Lamp	
P1479	United States of America	1	ORD	13/358,961	25-Jan-2012	US2013-0194796A1	01-Aug-2013	9,968,701	30-Jun-2015	26-Jan-2032	Granted	IDEAL Industries Lighting LLC	Lamp Structure with Remote LED Light Source	
P1479	Patent Cooperation Treaty		ORD	PCT/US2012/12106	28-Dec-2012	WO2013/112862	01-Aug-2013				Inactive	IDEAL Industries Lighting LLC	Lamp Structure with Remote LED Light Source	
P1479	China (People's Republic)		PCT	201200715768	18-Sep-2014	CN104166932A	28-Nov-2014				Abandoned	IDEAL Industries Lighting LLC	Lamp Structure with Remote LED Light Source	
P1479	European Patent Convention		PCT	12818621.2	01-Aug-2014	2807418	03-Dec-2014				Abandoned	IDEAL Industries Lighting LLC	Lamp Structure with Remote LED Light Source	
P1481	United States of America	1	ORD	13/232,805	09-Nov-2011	20130114260	06-May-2013	8,884,565	01-Apr-2014	10-May-2032	Granted	IDEAL Industries Lighting LLC	LED Light with active thermal management	
P1483	European Patent Convention		PCT	13703870.3	14-Aug-2014	2807420	03-Dec-2014				Abandoned	IDEAL Industries Lighting LLC	Remote Thermal Compensation Assembly	
P1483	United States of America	1	ORD	13/358,930	28-Jan-2012	20130130350	01-Aug-2013	8,870,425	04-Nov-2014	11-Oct-2032	Granted	IDEAL Industries Lighting LLC	Remote Thermal Compensation Assembly	
P1483	Patent Cooperation Treaty		ORD	PCT/US2013/022827	24-Jan-2013	WO2013/112650	01-Aug-2013				Inactive	IDEAL Industries Lighting LLC	Remote Thermal Compensation Assembly	
P1485	China (People's Republic)		PCT		28-Jan-2014						Abandoned	IDEAL Industries Lighting LLC	LIGHT EMITTING DIE (LED) LAMPS, HEAT SINKS AND RELATED METHODS	
P1485	United States of America	1	ORD	13194,641	29-Jul-2011	US 2013/0327947	31-Jan-2013	8,746,915	10-Jun-2014	19-Dec-2031	Granted	IDEAL Industries Lighting LLC	LIGHT EMITTING DIE (LED) LAMPS, HEAT SINKS AND RELATED METHODS	
P1485	Patent Cooperation Treaty		ORD	PCT/US2012/048259	26-Jul-2012	WO 2013/019534	07-Feb-2013				Inactive	IDEAL Industries Lighting LLC	LIGHT EMITTING DIE (LED) LAMPS, HEAT SINKS AND RELATED METHODS	

P1488	United States of America	0	PRD	91/501,540	27-Jun-2011					27-Jul-2012	Expired	IDEAL Industries Lighting LLC	Direct and Back View LED Lighting System	
P1488	United States of America	1	ORD	13/459,453	30-Apr-2012	20120271650	27-Dec-2012	10,202,088	12-Feb-2019	29-Sep-2033	Granted	IDEAL Industries Lighting LLC	Direct and Back View LED Lighting System	
P1488	European Patent Convention		PCT	12/42974.4	24-Jan-2014	2724076	30-Apr-2014	2724076	01-Mar-2017	20-Jun-2032	Granted	IDEAL Industries Lighting LLC	Direct and Back View LED Lighting System	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TR
P1488	Germany		EPP	12/42974.4	20-Jun-2012	2724076	30-Apr-2014	2724076	01-Mar-2017	20-Jun-2032	Granted	IDEAL Industries Lighting LLC	Direct and Back View LED Lighting System	
P1488	China (People's Republic)		PCT	201280341914.1	20-Jun-2012	103765292	30-Apr-2014				Abandoned	IDEAL Industries Lighting LLC	Direct and Back View LED Lighting System	
P1488	Patent Cooperation Treaty		ORD	PCT/US12/43234	20-Jun-2012	WO2013/001038	03-Jan-2013				Inactive	IDEAL Industries Lighting LLC	Direct and Back View LED Lighting System	
P1487	United States of America	1	DES	29/298,204	27-Jun-2011			0670,849	13-Nov-2012	13-Nov-2028	Granted	IDEAL Industries Lighting LLC	Light Fixture	
P1488	United States of America	1	ORD	13/855,844	03-Feb-2012	US-2013-0201679-A1	08-Aug-2013	9,151,457	08-Oct-2015	20-Feb-2032	Granted	IDEAL Industries Lighting LLC	Lighting Device and Method of Installing Light Emitter	
P1489	United States of America	1	ORD	13/693,886	11-Sep-2012	20140071677	13-Mar-2014	9,255,677	09-Feb-2016	03-Apr-2034	Granted	IDEAL Industries Lighting LLC	Multi-Tiered Lighting System	
P1490	United States of America	2	DDV	15/698,608	19-May-2017	US2017-0256889	08-Sep-2017	10,836,958	28-Apr-2020	07-Feb-2032	Granted	IDEAL Industries Lighting LLC	Lighting Device and Method of Making Lighting Device	
P1490	United States of America	1	ORD	13/308,177	07-Feb-2012	US2013-0201654-A1	08-Aug-2013	9,698,322	04-Jul-2017	20-May-2032	Granted	IDEAL Industries Lighting LLC	Lighting Device and Method of Making Lighting Device	
P1491	United States of America	1	ORD	13/803,517	13-Mar-2013	20140280737	18-Sep-2014			13-Mar-2033	Abandoned	IDEAL Industries Lighting LLC	Direct View Optical Arrangement	
P1492	United States of America	1	ORD	13/429,000	23-Mar-2012	2013-0250567	26-Sep-2013	9,494,234	15-Nov-2016	29-Aug-2032	Granted	IDEAL Industries Lighting LLC	Modular Indirect Troffer	
P1493	Mexico		PCT	MXw2014/000980	24-Jan-2014	5421993	21-Feb-2014	330558	04-Jun-2015		Abandoned	IDEAL Industries Lighting LLC	Modular Indirect Suspended/Ceiling Mount Fixture	
P1493	Patent Cooperation Treaty		ORD	PCT/US2012/047094	17-Jul-2012	WO2013/016079	31-Jan-2013				Inactive	IDEAL Industries Lighting LLC	Modular Indirect Suspended/Ceiling Mount Fixture	
P1493	United States of America	1	PRI	13/189,535	24-Jul-2011	US 2013/0021792	24-Jan-2013	10,820,347	03-Nov-2020	15-Sep-2032	Granted	IDEAL Industries Lighting LLC	Modular Indirect Suspended/Ceiling Mount Fixture	
P1493	European Patent Convention		PCT	12/43003.1	24-Jan-2014	2734774	28-May-2014	2734774	23-Aug-2017	17-Jul-2032	Granted	IDEAL Industries Lighting LLC	Modular Indirect Suspended/Ceiling Mount Fixture	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TR
P1493	China (People's Republic)		PCT	20120030914.2	24-Jan-2014	CN103700303A	02-Apr-2014				Abandoned	IDEAL Industries Lighting LLC	Modular Indirect Suspended/Ceiling Mount Fixture	
P1493	India		PCT	PCT/US2012/047094	23-Jan-2014						Abandoned	IDEAL Industries Lighting LLC	Modular Indirect Suspended/Ceiling Mount Fixture	
P1493	Germany		EPP	12/43003.1	17-Jul-2012	2734774		2734774	23-Aug-2017	17-Jul-2032	Granted	IDEAL Industries Lighting LLC	Modular Indirect Suspended/Ceiling Mount Fixture	
P1493	United States of America	2	DDN	17/032,252	25-Sep-2020	2021018153	21-Jan-2021	11209135	28-Dec-2021	24-Jul-2021	Granted	IDEAL Industries Lighting LLC	White Light Emitting Diodes Having High Luminous Efficacy and Improved Color Rendering That Include Pass-Through Violet Emission	
P1494	United States of America	1	ORD	13/433,479	26-Mar-2012	2013-0249374	28-Sep-2013	9,486,359	08-Nov-2016	28-Mar-2032	Granted	IDEAL Industries Lighting LLC	Passive Phase Change Radiators for LED Lamps and Fixtures	
P1495	Australia		DES	1/031,2012	24-Jan-2012			340061	16-Feb-2012	24-Jan-2022	Expired	IDEAL Industries Lighting LLC	Modular Indirect Suspended/Ceiling Mount Fixture	
P1495	Japan		DES	2012-009922	26-Apr-2012			1498006	18-Apr-2014	18-Apr-2034	Abandoned	IDEAL Industries Lighting LLC	Modular Indirect Suspended/Ceiling Mount Fixture	
P1495	European Community		DES	001319885	20-Jan-2012			001310985-0001	20-Jan-2012	20-Jan-2037	Granted	IDEAL Industries Lighting LLC	Modular Indirect Suspended/Ceiling Mount Fixture	
P1495	United States of America	1	DES	29/297,652	24-Jul-2011			0689,204	16-Oct-2012	16-Oct-2028	Granted	IDEAL Industries Lighting LLC	Modular Indirect Suspended/Ceiling Mount Fixture	
P1495	China (People's Republic)		DES	201230017016.5	20-Jan-2012			ZL201230017016.5	08-Aug-2012	20-Jan-2022	Expired	IDEAL Industries Lighting LLC	Modular Indirect Suspended/Ceiling Mount Fixture	
P1495	United Kingdom		RRD	9001310985-0001	20-Jan-2012			9001310985-0001	20-Jan-2012	20-Jan-2037	Granted	IDEAL Industries Lighting LLC	Modular Indirect Suspended/Ceiling Mount Fixture	
P1496	United States of America	1	ORD								Inactive	IDEAL Industries Lighting LLC	Wire routing and retention design and method for LED electrical power supply enclosure	
P1497	United States of America	2	DDV	29/489,362	09-Oct-2013			0714,889	07-Oct-2014	07-Oct-2028	Granted	IDEAL Industries Lighting LLC	Lighting Module Component	
P1497	China (People's Republic)	2	DDV	201330142089.4	26-Apr-2013			ZL201330142089.4	27-Nov-2013	20-Apr-2032	Granted	IDEAL Industries Lighting LLC	Lighting Module Component	
P1497	European Community	01	DES	002009340-0001	15-Mar-2012			002009340-0001	15-Mar-2012	15-Mar-2037	Granted	IDEAL Industries Lighting LLC	Lighting Module Component	
P1497	European Community	02	DES	002009340-0002	15-Mar-2012			002009340-0002	15-Mar-2012	15-Mar-2037	Granted	IDEAL Industries Lighting LLC	Lighting Module Component	
P1497	European Community	03	DES	002009340-0003	15-Mar-2012			002009340-0003	15-Mar-2012	15-Mar-2037	Granted	IDEAL Industries Lighting LLC	Lighting Module Component	
P1497	European Community	04	DES	001318257-0001	15-Mar-2012			001318257-0001	15-Mar-2012	15-Mar-2037	Granted	IDEAL Industries Lighting LLC	Lighting Module Component	
P1497	European Community	05	DES	001318257-0002	15-Mar-2012			001318257-0002	15-Mar-2012	15-Mar-2037	Granted	IDEAL Industries Lighting LLC	Lighting Module Component	
P1497	United States of America	1	POS	29/404,382	20-Oct-2011			0684,456	28-Nov-2013	28-Nov-2027	Granted	IDEAL Industries Lighting LLC	Lighting Module Component	
P1497	China (People's Republic)		DES	201230122074.4	20-Apr-2012			ZL201230122074.4	19-Jun-2013	20-Apr-2032	Granted	IDEAL Industries Lighting LLC	Lighting Module Component	
P1497	United Kingdom	01	RRD	9002009340-0001	15-Mar-2012			9002009340-0001	15-Mar-2012	15-Mar-2037	Granted	IDEAL Industries Lighting LLC	Lighting Module Component	
P1497	United Kingdom	02	RRD	9002009340-0002	15-Mar-2012			9002009340-0002	15-Mar-2012	15-Mar-2037	Granted	IDEAL Industries Lighting LLC	Lighting Module Component	
P1497	United Kingdom	03	RRD	9002009340-0003	15-Mar-2012			9002009340-0003	15-Mar-2012	15-Mar-2037	Granted	IDEAL Industries Lighting LLC	Lighting Module Component	
P1497	United Kingdom	04	RRD	9001318257-0001	15-Mar-2012			9001318257-0001	15-Mar-2012	15-Mar-2037	Granted	IDEAL Industries Lighting LLC	Lighting Module Component	
P1497	United Kingdom	05	RRD	9001318257-0002	15-Mar-2012			9001318257-0002	15-Mar-2012	15-Mar-2037	Granted	IDEAL Industries Lighting LLC	Lighting Module Component	
P1503	United States of America	2	DDV	29/454,771	14-May-2013			0696,600	31-Dec-2013	31-Dec-2027	Granted	IDEAL Industries Lighting LLC	Lamp	
P1503	United States of America	1	DES	29/298,047	26-Jul-2011			0685,506	02-Jul-2013	02-Jul-2027	Granted	IDEAL Industries Lighting LLC	Lamp	
P1504	Patent Cooperation Treaty		ORD	PCT/US2012/71600	27-Dec-2012	WO2013/191822	04-Jul-2013				Inactive	IDEAL Industries Lighting LLC	LED Fixture with Heat Pipe	
P1504	United States of America	1	ORD	13/341,741	30-Dec-2011	2013-0170210	04-Jul-2013	9,423,117	23-Aug-2016	30-Dec-2031	Granted	IDEAL Industries Lighting LLC	LED Fixture with Heat Pipe	
P1509	United States of America	1	DES	29/403,280	04-Oct-2011			0673,332	25-Dec-2012	25-Dec-2028	Granted	IDEAL Industries Lighting LLC	Light Engine For a Lighting Device	

P1512	United States of America	0	PRD	91/542,274	02-Oct-2011					02-Oct-2012	Expired	IDEAL Industries Lighting LLC	Over-Temperature Handling for Lighting Device
P1512	United States of America	1	ORD	13/965,113	02-Aug-2012	2013-0302918	04-Apr-2013	10,021,758	10-Jul-2018	03-Nov-2024	Granted	IDEAL Industries Lighting LLC	Over-Temperature Handling for Lighting Device
P1512	Patent Cooperation Treaty		ORD	PCT/US2012/056248	01-Oct-2012	WO 2013/052401	11-Apr-2013				Inactive	IDEAL Industries Lighting LLC	Over-Temperature Handling for a Lighting Device
P1513	China (People's Republic)		PCT	20128059988.7	30-May-2014	CN103947291	23-Jul-2014				Abandoned	IDEAL Industries Lighting LLC	Temperature Curve Compensation Offset
P1513	United States of America	0	PRD	91/542,276	02-Oct-2011					02-Oct-2012	Expired	IDEAL Industries Lighting LLC	Temperature Curve Compensation Offset
P1513	United States of America	1	ORD	13/965,168	02-Aug-2012	2013002810	04-Apr-2013	8,890,420	18-Nov-2014	12-Feb-2032	Granted	IDEAL Industries Lighting LLC	Temperature Curve Compensation Offset
P1513	Patent Cooperation Treaty		ORD	PCT/US2012/056251	01-Oct-2012	WO2013052403	11-Apr-2013				Inactive	IDEAL Industries Lighting LLC	Temperature Curve Compensation Offset
P1517	United States of America	0	PRD	91/597,481	10-Feb-2012					10-Feb-2013	Expired	IDEAL Industries Lighting LLC	Lighting Device Comprising Shield Element, and Shield Element
P1517	United States of America	1	ORD	13/622,783	19-Sep-2012	US 2013 0203469	15-Aug-2013	10,370,749	13-Aug-2019	21-Jul-2033	Granted	IDEAL Industries Lighting LLC	Lighting Device Comprising Shield Element, and Shield Element
P1522	Patent Cooperation Treaty		ORD	PCT/US2012/099874	14-Dec-2012	WO 2013/080679	20-Jun-2013				Inactive	IDEAL Industries Lighting LLC	PFC Enabled SIMO Converter
P1522	United States of America	1	ORD	13/27,517	15-Dec-2011	US 2013/0154500	20-Jun-2013	8,841,890	23-Sep-2014	18-Feb-2032	Granted	IDEAL Industries Lighting LLC	SIMO CONVERTERS THAT GENERATE A LIGHT OUTPUT
P1523	China (People's Republic)		PCT	20128042848.0	03-Mar-2014	CN103874876A	18-Jun-2014				Abandoned	IDEAL Industries Lighting LLC	CR50
P1523	United States of America	0	PRD	91/531,758	02-Sep-2011					02-Sep-2012	Expired	IDEAL Industries Lighting LLC	Lighting Device
P1523	United States of America	1	ORD	13/465,414	07-May-2012	US2013 0057141	07-Mar-2013	8,803,414	12-Aug-2014	07-May-2032	Granted	IDEAL Industries Lighting LLC	Lighting Device
P1523	Patent Cooperation Treaty		ORD	PCT/US2012/049719	08-Aug-2012	WO2013/0263441	07-Mar-2013				Inactive	IDEAL Industries Lighting LLC	Lighting Device
P1524	Hong Kong		DES	120342.8M	01-Mar-2012			120342.8M001	01-Mar-2012	01-Mar-2037	Granted	IDEAL Industries Lighting LLC	Lighting Device
P1524	European Community	1-4	DES	00200867	01-Mar-2012			00200867.0004	01-Mar-2012	01-Mar-2037	Granted	IDEAL Industries Lighting LLC	Lighting Device
P1524	Australia	3	DES	11089/2012	01-Mar-2012			341754	04-Apr-2012	01-Mar-2032	Granted	IDEAL Industries Lighting LLC	Lighting Device
P1524	Australia	2	DES	11001/2012	01-Mar-2012			341678	29-Mar-2012	01-Mar-2032	Granted	IDEAL Industries Lighting LLC	Lighting Device
P1524	China (People's Republic)		DES	201230436379	01-Mar-2012			ZL20120043637.9	28-Nov-2012	01-Mar-2032	Expired	IDEAL Industries Lighting LLC	Lighting Device
P1524	European Community	1	DES	00200867	01-Mar-2012			00200867.0001	01-Mar-2012	01-Mar-2037	Granted	IDEAL Industries Lighting LLC	Lighting Device
P1524	European Community	1-3	DES	00200867	01-Mar-2012			00200867.0003	01-Mar-2012	01-Mar-2037	Granted	IDEAL Industries Lighting LLC	Lighting Device
P1524	Australia		DES	10969/2012	01-Mar-2012			341673	29-Mar-2012	01-Mar-2032	Granted	IDEAL Industries Lighting LLC	Lighting Device
P1524	Hong Kong	2	DES	120342.8M	01-Mar-2012			120342.8M002	01-Mar-2012	01-Mar-2037	Granted	IDEAL Industries Lighting LLC	Lighting Device
P1524	Hong Kong	3	DES	120342.8M	01-Mar-2012			120342.8M003	01-Mar-2012	01-Mar-2037	Granted	IDEAL Industries Lighting LLC	Lighting Device
P1524	Hong Kong	4	DES	120342.8M	01-Mar-2012			120342.8M004	01-Mar-2012	01-Mar-2037	Granted	IDEAL Industries Lighting LLC	Lighting Device
P1524	United States of America	1	DES	29/403,667	02-Sep-2011			D672,890	18-Dec-2012	18-Dec-2028	Granted	IDEAL Industries Lighting LLC	Lighting Device
P1524	Hong Kong	5	DES	120342.8M	01-Mar-2012			120342.8M005	01-Mar-2012	01-Mar-2037	Granted	IDEAL Industries Lighting LLC	Lighting Device
P1524	European Community	5	DES	00200867	01-Mar-2012			00200867.0005	01-Mar-2012	01-Mar-2037	Granted	IDEAL Industries Lighting LLC	Lighting Device
P1524	European Community	1-2	DES	00200867	01-Mar-2012			00200867.0002	01-Mar-2012	01-Mar-2037	Granted	IDEAL Industries Lighting LLC	Lighting Device
P1524	United Kingdom	4	RFD	900200867.0004	01-Mar-2012			900200867.0004	01-Mar-2012	01-Mar-2037	Granted	IDEAL Industries Lighting LLC	Lighting Device
P1524	United Kingdom	1	RFD	900200867.0001	01-Mar-2012			900200867.0001	01-Mar-2012	01-Mar-2037	Granted	IDEAL Industries Lighting LLC	Lighting Device
P1524	United Kingdom	3	RFD	900200867.0003	01-Mar-2012			900200867.0003	01-Mar-2012	01-Mar-2037	Granted	IDEAL Industries Lighting LLC	Lighting Device
P1524	United Kingdom	5	RFD	900200867.0005	01-Mar-2012			900200867.0005	01-Mar-2012	01-Mar-2037	Granted	IDEAL Industries Lighting LLC	Lighting Device
P1524	United Kingdom	2	RFD	900200867.0002	01-Mar-2012			900200867.0002	01-Mar-2012	01-Mar-2037	Granted	IDEAL Industries Lighting LLC	Lighting Device
P1532	Patent Cooperation Treaty		ORD	PCT/US13/34208	28-Mar-2013	WO2013/154837	17-Oct-2013				Inactive	IDEAL Industries Lighting LLC	Optical Element Including Texturing to Control Beam Width and Color Mixing
P1532	China (People's Republic)		PCT	20133030091.4	05-Dec-2014	CN104583817	26-Apr-2015				Abandoned	IDEAL Industries Lighting LLC	Optical Element Including Texturing to Control Beam Width and Color Mixing
P1532	European Patent Convention		PCT	13715570.1	23-Oct-2014	2836892	18-Feb-2015				Abandoned	IDEAL Industries Lighting LLC	Optical Element Including Texturing to Control Beam Width and Color Mixing
P1532	United States of America	1	ORD	13/442,311	09-Apr-2012	20130285772	10-Oct-2013	9,022,801	05-May-2015	27-Aug-2032	Granted	IDEAL Industries Lighting LLC	LENS INCLUDING SURFACE TEXTURING TO CONTROL BEAM WIDTH AND COLOR MIXING
P1535	United States of America	1	ORD	13/307,444	30-Nov-2011	20130134456	30-May-2013	8,801,233	12-Aug-2014	11-Sep-2032	Granted	IDEAL Industries Lighting LLC	Optical Arrangement for a Solid State Lighting System
P1535	Patent Cooperation Treaty		ORD	PCT/US2012/098179	21-Nov-2012	2013081929	08-Jun-2013				Inactive	IDEAL Industries Lighting LLC	Optical Arrangement for a Solid State Lighting System
P1535	European Patent Convention		PCT	12799400.2	30-Jun-2014	2789993	08-Oct-2014	2789993	31-May-2017	21-Nov-2032	Granted	IDEAL Industries Lighting LLC	Optical Arrangement for a Solid State Lighting System
P1535	Germany		EPP	12799400.2	21-Nov-2012	2789993	08-Oct-2014	2789993	31-May-2017	21-Nov-2032	Granted	IDEAL Industries Lighting LLC	Optical Arrangement for a Solid State Lighting System
P1535	China (People's Republic)		PCT	PCT/US2012/098179	29-May-2014	CN104035941	17-Sep-2014				Abandoned	IDEAL Industries Lighting LLC	Optical Arrangement for a Solid State Lighting System
P1538	Taiwan		ORD	101190591	27-Dec-2012	201335648	01-Sep-2013				Abandoned	IDEAL Industries Lighting LLC	LED Lighting Using Spectral Notching
P1538	United States of America	1	ORD	13/341,337	30-Dec-2011	20130179199	04-Jul-2013	9,335,531	10-May-2016	09-Nov-2032	Granted	IDEAL Industries Lighting LLC	LED Lighting Using Spectral Notching
P1538	Patent Cooperation Treaty		ORD	PCT/US2012/070288	18-Dec-2012	2013101537	04-Jul-2013				Inactive	IDEAL Industries Lighting LLC	LED Lighting Using Spectral Notching
P1538	European Patent Convention		PCT	12818715.0	22-Jul-2014	2798385	05-Nov-2014				Abandoned	IDEAL Industries Lighting LLC	LED Lighting Using Spectral Notching

P1537	United States of America	1	ORD	13/343,568	30-Dec-2011	20130170175	04-Jul-2013	9,482,421	01-Nov-2016	15-Sep-2032	Granted	IDEAL Industries Lighting LLC	Lamp with LED Array and Thermal Coupling Medium	
P1537	Patent Cooperation Treaty		ORD	PCT/US2012/070409	19-Dec-2012	2013101577	04-Jul-2013				Inactive	IDEAL Industries Lighting LLC	Lamp with LED Array	
P1537	European Patent Convention		PCT	12818728.7	29-Jul-2014	2800608	12-Nov-2014				Abandoned	IDEAL Industries Lighting LLC	Lamp with LED Array	
P1537	China (People's Republic)		PCT	201280071001.4	26-Aug-2014	CN104136836	05-Nov-2014				Abandoned	IDEAL Industries Lighting LLC	Lamp with LED Array	
P1542	United States of America	1	ORD	13/442,748	09-Apr-2012	US2013-0285760	10-Oct-2013	9,360,185	07-Jun-2016	04-Aug-2033	Granted	IDEAL Industries Lighting LLC	Variable Beam Angle Directional Lighting Fixture Assembly	
P1548	China (People's Republic)		DES	20120207448.7	30-May-2012			ZL201230207448.7	14-Nov-2012	30-May-2022	Granted	IDEAL Industries Lighting LLC	Lens	
P1548	United States of America	1	DES	29/407,543	30-Nov-2011			D676,189	12-Feb-2013	12-Feb-2027	Granted	IDEAL Industries Lighting LLC	Lens	
P1548	European Community	1	DES	002048785	29-May-2012			002048785-0001	19-Jun-2012	29-May-2037	Granted	IDEAL Industries Lighting LLC	Lens	
P1548	Australia		DES	125132012	24-May-2012			342104	27-Jun-2012	24-May-2022	Granted	IDEAL Industries Lighting LLC	Lens	
P1548	European Community	1-2	DES	002048785	29-May-2012			002048785-0002	29-May-2012	29-May-2037	Granted	IDEAL Industries Lighting LLC	Lens	
P1548	United Kingdom	2	RPD	9002048785-0002	29-May-2012			9002048785-0002	29-May-2012	29-May-2037	Granted	IDEAL Industries Lighting LLC	Lens	
P1548	United Kingdom	1	RPD	9002048785-0001	29-May-2012			9002048785-0001	19-Jun-2012	29-May-2037	Granted	IDEAL Industries Lighting LLC	Lens	
P1550	Germany		EPP	1265398.3	11-Jul-2014	2791973	24-Sep-2014	602012096282.4	04-Dec-2019	12-Dec-2032	Granted	IDEAL Industries Lighting LLC	Lighting Devices Including Current Shunting Responsive to LED Nodes and Related Methods	
P1550	Patent Cooperation Treaty		ORD	PCT/US2012/69879	12-Dec-2012	WO2013-090323	20-Jun-2013				Inactive	IDEAL Industries Lighting LLC	Lighting Devices Including Current Shunting Responsive to LED Nodes and Related Methods	
P1550	China (People's Republic)		PCT	201280097033.1	24-Jul-2014	CN104081530A	15-Oct-2014				Abandoned	IDEAL Industries Lighting LLC	Lighting Devices Including Current Shunting Responsive to LED Nodes and Related Methods	
P1550	European Patent Convention		PCT	1265398.3	11-Jul-2014	2791973	24-Sep-2014	2791973	04-Dec-2019	12-Dec-2032	Granted	IDEAL Industries Lighting LLC	Lighting Devices Including Current Shunting Responsive to LED Nodes and Related Methods	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; KR; LI; LT; LU; LV; MA; MC; MD; ME; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TN; TR
P1550	United States of America	1	ORD	13/383,074	12-Dec-2011	US-2013-0147359	13-Jun-2013	8,847,516	33-Sep-2014	08-Jan-2032	Granted	IDEAL Industries Lighting LLC	Lighting Devices Including Current Shunting Responsive to LED Nodes and Related Methods	
P1552	Germany		EPP	1265769.1	11-Jul-2014	2792217	22-Oct-2014	602012097808.6	05-Feb-2020	12-Dec-2032	Granted	IDEAL Industries Lighting LLC	Lighting Devices Including Boost Converters to Control Chromaticity and/or Brightness and Related Methods	
P1552	Patent Cooperation Treaty		ORD	PCT/US2012/69896	12-Dec-2012	WO2013-090326	20-Jun-2013				Inactive	IDEAL Industries Lighting LLC	Lighting Devices Including Boost Converters to Control Chromaticity and/or Brightness and Related Methods	
P1552	United States of America	1	CIP	13/370,778	10-Feb-2012	US2013-0147360	13-Jun-2013	8,823,285	02-Sep-2014	22-May-2032	Granted	IDEAL Industries Lighting LLC	Lighting Devices Including Boost Converters to Control Chromaticity and/or Brightness and Related Methods	
P1552	United States of America	0	PRD	81/589,458	12-Dec-2011					12-Dec-2012	Expired	IDEAL Industries Lighting LLC	Lighting Devices Including Boost Converters to Control Chromaticity and/or Brightness and Related Methods	
P1552	China (People's Republic)		PCT	201280097925.7	24-Jul-2014	CN104081895A	08-Oct-2014	ZL201280097925.7	12-Dec-2017	12-Dec-2032	Granted	IDEAL Industries Lighting LLC	Lighting Devices Including Boost Converters to Control Chromaticity and/or Brightness and Related Methods	
P1552	European Patent Convention		PCT	1265769.1	11-Jul-2014	2792217	22-Oct-2014	2792217	05-Feb-2020	12-Dec-2032	Granted	IDEAL Industries Lighting LLC	Lighting Devices Including Boost Converters to Control Chromaticity and/or Brightness and Related Methods	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LT; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TR
P1553	Korea, Republic of		PCT	10-2014-7021815	04-Aug-2014	10-2014-0111890	19-Sep-2014				Abandoned	IDEAL Industries Lighting LLC	Light Fixture with Textured Reflector	
P1553	United States of America	1	ORD	13/343,215	08-Jan-2012	US 2013/0176721	11-Jul-2013	9,476,566	25-Oct-2016	10-Jul-2033	Granted	IDEAL Industries Lighting LLC	Light Fixture with Textured Reflector	
P1553	United States of America	2	CIP	13/633,207	02-Oct-2012	US 2013/0176722	11-Jul-2013	9,468,329	08-Nov-2016	08-Jan-2032	Granted	IDEAL Industries Lighting LLC	Light Fixture with Textured Reflector	
P1553	Patent Cooperation Treaty		ORD	PCT/US2013/02073	03-Jan-2013	WO 2013/03867	10-Oct-2013				Inactive	IDEAL Industries Lighting LLC	Light Fixture with Textured Reflector	
P1553	China (People's Republic)		PCT	2013800408168	08-Jul-2014	CN104040248	10-Sep-2014				Abandoned	IDEAL Industries Lighting LLC	Light Fixture with Textured Reflector	
P1553	European Patent Convention		PCT	13702268.7	01-Jun-2014	2802806	19-Nov-2014				Abandoned	IDEAL Industries Lighting LLC	Light Fixture with Textured Reflector	
P1555	European Patent Convention		PCT	13706789.0	28-Aug-2014	2810536	10-Dec-2014			25-Jan-2033	Withdrawal	IDEAL Industries Lighting LLC	Color Point and/or Lumen Output Correction Device, Lighting System with Color Point and/or Lumen Output Correction, Lighting Device, and Methods of Lighting	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LT; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TR
P1555	United States of America	0	PRD	81/584,784	03-Feb-2012					03-Feb-2013	Expired	IDEAL Industries Lighting LLC	Color Point Correction Device, Lighting System with Color Point Correction, Lighting Device, and Methods of Lighting	
P1555	United States of America	1	ORD	13/723,662	21-Dec-2012	US2013-0200809	08-Aug-2013	9,554,445	24-Jan-2017	19-Jul-2034	Granted	IDEAL Industries Lighting LLC	Color Point and/or Lumen Output Correction Device, Lighting System with Color Point and/or Lumen Output Correction, Lighting Device, and Methods of Lighting	
P1555	Patent Cooperation Treaty		ORD	PCT/US2013/02122	25-Jan-2013	WO2013/0116101	08-Aug-2013				Inactive	IDEAL Industries Lighting LLC	Color Point and/or Lumen Output Correction Device, Lighting System with Color Point and/or Lumen Output Correction, Lighting Device, and Methods of Lighting	
P1556	European Patent Convention		PCT	12817399.4	18-Feb-2014	2737780	04-Jun-2014				Abandoned	IDEAL Industries Lighting LLC	Solid State Lighting Apparatus and Methods of Forming	
P1556	China (People's Republic)		PCT	20120044038.9	11-Mar-2014	CN103907401A	02-Jul-2014	ZL20120044038.9	29-Aug-2017	19-Jul-2032	Granted	IDEAL Industries Lighting LLC	Solid State Lighting Apparatus and Methods of Forming	
P1556	Taiwan		ORD	101127345	27-Jul-2012	201311053	01-Mar-2013				Abandoned	IDEAL Industries Lighting LLC	Solid State Lighting Apparatus and Methods of Forming	
P1556	Patent Cooperation Treaty		ORD	PCT/US2012/047344	19-Jul-2012	WO2013/019122A1	31-Jan-2013				Inactive	IDEAL Industries Lighting LLC	Solid State Lighting Apparatus and Methods of Forming	
P1556	United States of America	0	PRD	81/581,583	30-Dec-2011					30-Dec-2012	Expired	IDEAL Industries Lighting LLC	Solid State Lighting Apparatus and Methods of Forming	
P1556	United States of America	1	CIP	13/380,145	27-Jan-2012	20130036923	31-Jan-2013	9,510,413	29-Nov-2016	27-Jun-2035	Granted	IDEAL Industries Lighting LLC	Solid State Lighting Apparatus and Methods of Forming	
P1556	United States of America	2	CIP								Inactive	IDEAL Industries Lighting LLC	Solid State Lighting Apparatus and Methods of Forming	
P1558	United States of America	1	DES								Inactive	IDEAL Industries Lighting LLC	LWX + (Design)	
P1559	China (People's Republic)		PCT	20128008828.X	01-Aug-2014	CN104108310A	15-Oct-2014				Abandoned	IDEAL Industries Lighting LLC	Notch and Pulse	
P1559	Patent Cooperation Treaty		ORD	PCT/US2012/071151	21-Dec-2012	WO2013/01709	27-Jun-2014				Inactive	IDEAL Industries Lighting LLC	Solid State Lighting Apparatus Including an Energy Storage Module for Applying Power to a Light Source Element During Low Power Intervals and Methods of Operating the Same	
P1559	European Patent Convention		PCT	12862236.2	24-Jul-2014	2805579	28-Nov-2014				Abandoned	IDEAL Industries Lighting LLC	Notch and Pulse	
P1559	United States of America	1	ORD	13/338,065	27-Dec-2011	US2013-0182149	27-Jun-2013	8,823,271	02-Sep-2014	19-Nov-2032	Granted	IDEAL Industries Lighting LLC	Solid State Lighting Apparatus Including an Energy Storage Module for Applying Power to a Light Source Element During Low Power Intervals and Methods of Operating the Same	
P1562	United States of America	1	ORD	13/524,807	15-Jun-2012	20130334967 A1	19-Dec-2013	8,653,967	07-Oct-2014	05-Sep-2032	Granted	IDEAL Industries Lighting LLC	LAMP DRIVER HAVING A SHUTDOWN INTERFACE CIRCUIT	
P1563	United States of America	1	PRD	13/338,078	27-Dec-2011	20130182153	27-Jun-2013	11178740	16-Nov-2021	31-Aug-2035	Granted	IDEAL Industries Lighting LLC	Solid State Lighting Apparatus Including Current Dwellers Controlled by Lighting Device Bias States and Current Limiting Using a Passive Electrical Component	
P1563	Patent Cooperation Treaty		ORD	PCT/US2012/071183	21-Dec-2012	WO2013/01710	04-Jul-2013				Inactive	IDEAL Industries Lighting LLC	Solid State Lighting Apparatus Including Current Dwellers Controlled by Lighting Device Bias States and Current Limiting	

P1565	United States of America	1	ORD	09850,252	28-Aug-2000			6,447,147	10-Sep-2002		Abandoned	IDEAL Industries Lighting LLC	APERTURED CONVEX INNER REFLECTOR FOR LIGHT FIXTURES
P1566	United States of America	1	ORD	00877,745	24-Jun-1986			4,700,312	24-Nov-2008	24-Jun-2008	Expired	IDEAL Industries Lighting LLC	Floodlight with Improved Reflector System
P1567	Australia		DES	99543	09-Jun-1987			99543	09-Jun-1987		Abandoned	IDEAL Industries Lighting LLC	Floodlight (Design)
P1567	Canada		DES	02-06-87.6	02-Jun-1987			60,017	12-Jan-1988	12-Jan-1988	Expired	IDEAL Industries Lighting LLC	Floodlight (Design)
P1567	United States of America	1	DES	859,243	02-May-1989						Abandoned	IDEAL Industries Lighting LLC	Floodlight (Design)
P1568	United States of America	1	DES	053,270	11-Feb-1991						Abandoned	IDEAL Industries Lighting LLC	Floodlight Structure (Design)
P1568	Canada		DES	0308913	08-Aug-1991			89568	28-Jan-1992	28-Jan-2002	Expired	IDEAL Industries Lighting LLC	Floodlight Structure (Design)
P1569	United States of America	1	DES	07852,969	08-Feb-1991			0333,009	02-Feb-1993	02-Feb-2007	Expired	IDEAL Industries Lighting LLC	Floodlight Structure (Design)
P1570	United States of America	1	DES	07852,969	08-Feb-1991			0340,304	12-Oct-1993	12-Oct-2007	Expired	IDEAL Industries Lighting LLC	Floodlight Structure (Design)
P1571	United States of America	1	DES	07853,807	11-Feb-1991			0343022	04-Jan-1994	04-Jan-2008	Expired	IDEAL Industries Lighting LLC	Floodlight Structure (Design)
P1572	United States of America	2	REI	11/122,213	04-May-2005			RE40034	13-Oct-2009	02-May-2011	Expired	IDEAL Industries Lighting LLC	Improved Bollard Luminaire
P1572	United States of America	1	ORD	07894,504	02-May-1991			5,105,347	14-Apr-1992	02-May-2011	Expired	IDEAL Industries Lighting LLC	Improved Bollard Luminaire
P1573	United States of America	1	DES	07741,814	07-Aug-1991			0344,604	22-Feb-1994	22-Feb-2008	Expired	IDEAL Industries Lighting LLC	Floodlight (Design)
P1574	United States of America	1	ORD	981,805	25-Nov-1992			5,345,369	08-Sep-1994		Abandoned	IDEAL Industries Lighting LLC	Optical System for Lamp Mounting Elongate Roof Fixture
P1575	Australia		ORD	71151/87	07-Apr-1987						Abandoned	IDEAL Industries Lighting LLC	Electrical Distribution System and Connector Therefor
P1575	Canada		ORD	532,418	19-Mar-1987			1,329,638	17-May-1994		Abandoned	IDEAL Industries Lighting LLC	Electrical Distribution System and Connector Therefor
P1575	United States of America	1	ORD	09828,761	11-Feb-1988			4,655,520	07-Apr-1987	11-Feb-2008	Expired	IDEAL Industries Lighting LLC	Electrical Distribution System and Connector Therefor
P1576	United Kingdom		DES	0203245	17-Nov-1993			203245	16-Feb-1994		Abandoned	IDEAL Industries Lighting LLC	Outdoor Lighting Fixture (Design)
P1576	Germany		DES	M03 08 958.9	20-Nov-1993			M03 08 958.9	20-Nov-1993		Abandoned	IDEAL Industries Lighting LLC	Outdoor Lighting Fixture (Design)
P1576	Australia		DES	3759/93	26-Nov-1993			120658	26-Nov-1993	26-Nov-2009	Expired	IDEAL Industries Lighting LLC	Outdoor Lighting Fixture (Design)
P1576	Japan		DES	373511993	14-Dec-1993			892491	08-Jun-1997		Abandoned	IDEAL Industries Lighting LLC	Outdoor Lighting Fixture (Design)
P1576	Canada		DES	14-09-93.5	17-Nov-1993			74203	17-Nov-1993	12-Nov-2008	Expired	IDEAL Industries Lighting LLC	Outdoor Lighting Fixture (Design)
P1576	New Zealand		DES	25573	15-Nov-1993			25573	15-Nov-1993	14-Jun-2008	Expired	IDEAL Industries Lighting LLC	Outdoor Lighting Fixture (Design)
P1576	Singapore		DES	0203245	19-Nov-1993			0203245	19-Nov-1993		Abandoned	IDEAL Industries Lighting LLC	Outdoor Lighting Fixture (Design)
P1576	United States of America	1	DES	29009,464	14-Jun-1993			0352,126	01-Nov-1994	01-Nov-2008	Expired	IDEAL Industries Lighting LLC	Outdoor Lighting Fixture (Design)
P1576	Malaysia		DES	0203245	19-Nov-1993			UK(E) 03,290	14-Jun-2002		Abandoned	IDEAL Industries Lighting LLC	Outdoor Lighting Fixture (Design)
P1576	Taiwan		DES	8230888	23-Nov-1993			43069	21-Feb-1995		Abandoned	IDEAL Industries Lighting LLC	Outdoor Lighting Fixture (Design)
P1577	Australia		ORD	8150994	16-Dec-1994			673641	04-Mar-1997		Abandoned	IDEAL Industries Lighting LLC	Improved Apparatus and Method for Providing Sidelight Illumination
P1577	New Zealand		ORD	294961	21-Nov-1994			294961	04-May-1998		Abandoned	IDEAL Industries Lighting LLC	Improved Apparatus and Method for Providing Sidelight Illumination
P1577	United States of America	1	ORD	09201,181	22-Apr-1994			5,451,843	19-Sep-1996		Abandoned	IDEAL Industries Lighting LLC	Improved Apparatus and Method for Providing Sidelight Illumination
P1578	United States of America	1	ORD	09205,105	08-Apr-1994			5,375,045	20-Dec-1994	20-Dec-1998	Abandoned	IDEAL Industries Lighting LLC	Lighting System Illuminating Abund Plants Having Downward Slopes
P1579	United States of America	1	ORD	09490,104	05-Jun-1995			5,586,047	15-Oct-1996		Abandoned	IDEAL Industries Lighting LLC	Electrical Apparatus with Noise-Suppressing Feature
P1580	United States of America	1	DES	29044,172	19-Sep-1995			0383,114	02-Sep-1997	12-Sep-2011	Expired	IDEAL Industries Lighting LLC	Track Lighting Transformer (Design)
P1581	United States of America	1	DES	29044,173	19-Sep-1995			0373,841	17-Sep-1998	17-Sep-2010	Expired	IDEAL Industries Lighting LLC	Low Voltage Track Lighting Fixture
P1582	United States of America	1	DES	29044,142	19-Sep-1995			0373,206	27-Aug-1998	27-Aug-2010	Expired	IDEAL Industries Lighting LLC	Replacement Low Voltage Light for Track Lighting (Design)
P1583	United States of America	3	DOV	29061,311	21-Oct-1999			0385,050	14-Oct-1999	14-Oct-2011	Expired	IDEAL Industries Lighting LLC	Prismatic Area Light (Design)
P1583	United States of America	1	DES	29044,283	21-Sep-1995			0382,380	12-Aug-1997	12-Aug-2011	Expired	IDEAL Industries Lighting LLC	Prismatic Area Light (Design)
P1583	United States of America	2	DOV	29061,433	21-Oct-1999			0389,275	11-Nov-1997	11-Nov-2011	Expired	IDEAL Industries Lighting LLC	Prismatic Area Light (Design)
P1584	United States of America	1	ORD	08801,902	14-Feb-1997			5,620,255	13-Oct-1998		Abandoned	IDEAL Industries Lighting LLC	Lighting Fixture Support Pole
P1585	European Patent Convention		PCT	98200145.2	08-Jun-1998						Abandoned	IDEAL Industries Lighting LLC	In-Ground Lighting Apparatus and Related Method
P1585	Patent Cooperation Treaty		ORD	PCT/US88/12149	08-Jun-1998						Inactive	IDEAL Industries Lighting LLC	In-Ground Lighting Apparatus and Related Method
P1585	New Zealand		PCT	500303	08-Jun-1998			500303	09-Oct-2001		Abandoned	IDEAL Industries Lighting LLC	In-Ground Lighting Apparatus and Related Method
P1585	Canada		PCT	2,292,960	08-Jun-1998			2,292,960	08-Jun-1998		Abandoned	IDEAL Industries Lighting LLC	In-Ground Lighting Apparatus and Related Method
P1585	Australia		PCT	745635	08-Jun-1998			745635	11-Jul-2002		Abandoned	IDEAL Industries Lighting LLC	In-Ground Lighting Apparatus and Related Method
P1585	United States of America	1	ORD	09874,134	13-Jun-1997			5,887,988	30-Mar-1999	13-Jun-2017	Expired	IDEAL Industries Lighting LLC	In-Ground Lighting Apparatus and Related Method
P1588	Canada		PCT	2,295,597	08-Jun-1998			2,295,597	18-Jan-2005		Abandoned	IDEAL Industries Lighting LLC	Improved Canopy Light and Related Method
P1588	New Zealand	3	DIV	528905	08-Jun-1980				07-Apr-2005		Abandoned	IDEAL Industries Lighting LLC	Improved Canopy Light and Related Method
P1588	New Zealand	2	DIV	518123	08-Jun-1993			518123	27-Feb-2004		Abandoned	IDEAL Industries Lighting LLC	Improved Canopy Light and Related Method

P1588	United States of America	1	ORD	09898551	24-Jul-1997			5,927,843	27-Jul-1998		Abandoned	IDEAL Industries Lighting LLC	Improved Canopy Light and Related Method	
P1588	Australia		PCT	109820614	11-Jan-2000			744498	08-Jun-1998		Abandoned	IDEAL Industries Lighting LLC	Improved Canopy Light and Related Method	
P1588	Patent Cooperation Treaty		ORD	PCT/US8912147	08-Jun-1989						Inactive	IDEAL Industries Lighting LLC	Improved Canopy Light and Related Method	
P1588	New Zealand		PCT	502197	07-Jan-2000						Abandoned	IDEAL Industries Lighting LLC	Improved Canopy Light and Related Method	
P1588	European Patent Convention		PCT	9829007.7	08-Jun-1988						Abandoned	IDEAL Industries Lighting LLC	Improved Canopy Light and Related Method	
P1587	United States of America	1	DES	29/05,201	31-Oct-1997						Abandoned	IDEAL Industries Lighting LLC	Area Light	
P1587	Canada		DES	1998-1049	30-Apr-1998			8586	12-Feb-1999	12-Feb-2009	Expired	IDEAL Industries Lighting LLC	Area Light	
P1588	Singapore		PCT	20000305-8	15-Dec-1998						Abandoned	IDEAL Industries Lighting LLC	Adaptable Directional Floodlight	
P1588	Taiwan		ORD	87123810	28-Feb-1999			126115	18-May-2001		Abandoned	IDEAL Industries Lighting LLC	Adaptable Directional Floodlight	
P1588	New Zealand	2	DIR	524999	27-Mar-2003			524999	10-Feb-2005		Abandoned	IDEAL Industries Lighting LLC	Adaptable Directional Floodlight	
P1588	New Zealand		PCT	504037	15-Dec-1998			504037	09-Oct-2003		Abandoned	IDEAL Industries Lighting LLC	Adaptable Directional Floodlight	
P1588	Canada		PCT	2313195	15-Dec-1998			2313195	22-Feb-2005		Abandoned	IDEAL Industries Lighting LLC	Adaptable Directional Floodlight	
P1588	Australia		PCT	743700	15-Dec-1998			743700	16-May-2002		Abandoned	IDEAL Industries Lighting LLC	Adaptable Directional Floodlight	
P1588	Patent Cooperation Treaty		ORD	PCT/US8927133	15-Dec-1988						Inactive	IDEAL Industries Lighting LLC	Adaptable Directional Floodlight	
P1588	United States of America	1	ORD	09/60,587	15-Dec-1997			5,968,833	23-Nov-1999		Abandoned	IDEAL Industries Lighting LLC	Adaptable Directional Floodlight	
P1588	European Patent Convention		PCT	98064160.0.1288	15-Dec-1998						Abandoned	IDEAL Industries Lighting LLC	Adaptable Directional Floodlight	
P1589	Canada		DES	1998-1293	28-May-1998			88799	28-May-1998	28-May-2009	Expired	IDEAL Industries Lighting LLC	Directional Floodlight	
P1589	United States of America	1	DES	29/00,549	02-Dec-1997			0399,584	13-Oct-1998	13-Oct-2012	Expired	IDEAL Industries Lighting LLC	Directional Floodlight	
P1590	Canada		DES	1998-1294	28-May-1998			88803	28-May-1998	28-May-2009	Expired	IDEAL Industries Lighting LLC	Directional Floodlight	
P1590	United States of America	1	DES	29/00,550	02-Dec-1997			0399,585	13-Oct-1998	13-Oct-2012	Expired	IDEAL Industries Lighting LLC	Directional Floodlight	
P1591	United States of America	1	DES	29/00,548	02-Dec-1997			0399,583	13-Oct-1998	13-Oct-2012	Expired	IDEAL Industries Lighting LLC	Directional Floodlight	
P1591	Canada		DES	1998-1295	28-May-1998			88801	28-May-1998	28-May-2009	Expired	IDEAL Industries Lighting LLC	Directional Floodlight	
P1592	Canada		DES	1998-1298	28-May-1998						Abandoned	IDEAL Industries Lighting LLC	Directional Floodlight ("D" Model Design - PAR 38)	
P1592	United States of America	1	DES	29/00,551	02-Dec-1997			0399,581	13-Oct-1998	13-Oct-2012	Expired	IDEAL Industries Lighting LLC	Directional Floodlight	
P1593	Canada		PCT	238474	08-Sep-2000			238474	12-Dec-2008		Abandoned	IDEAL Industries Lighting LLC	Recessed Canopy Light Fixture	
P1593	European Patent Convention		PCT	00961678.4.2423	08-Sep-2000						Abandoned	IDEAL Industries Lighting LLC	Recessed Canopy Light Fixture	
P1593	India		ORD	2000.00328	08-Sep-2000			221719	24-Jul-2008		Abandoned	IDEAL Industries Lighting LLC	Recessed Canopy Light Fixture	
P1593	United States of America	1	ORD	09/202,988	09-Sep-1999			6,201,214	15-May-2001	09-Sep-2019	Expired	IDEAL Industries Lighting LLC	Recessed Canopy Light Fixture	
P1593	New Zealand		ORD	518193	08-Sep-2000			518193	05-Jan-2004		Abandoned	IDEAL Industries Lighting LLC	Recessed Canopy Light Fixture	
P1593	Patent Cooperation Treaty		ORD	PCT/US02/24868	08-Sep-2000						Inactive	IDEAL Industries Lighting LLC	Recessed Canopy Light Fixture	
P1593	Australia		PCT	778593.73599/00	08-Sep-2000			778593	07-Apr-2005		Abandoned	IDEAL Industries Lighting LLC	Recessed Canopy Light Fixture	
P1594	United States of America	1	ORD	09/898,670	24-Oct-2000			6,974,230	13-Dec-2005		Abandoned	IDEAL Industries Lighting LLC	Low-Profile Overhead Industrial Light Fixture	
P1595	United States of America	1	ORD	09/898,543	24-Oct-2000			6,487,927	22-Oct-2002		Abandoned	IDEAL Industries Lighting LLC	Overhead Industrial Light Fixture with Mounted Reflector	
P1596	United States of America	1	ORD	09/898,509	24-Oct-2000			6,801,975	05-Aug-2000		Abandoned	IDEAL Industries Lighting LLC	Overhead Industrial Light Fixture with Two-Piece Housing	
P1597	United States of America	1	ORD	09/898,548	24-Oct-2000			6,390,655	21-May-2002		Abandoned	IDEAL Industries Lighting LLC	Overhead Industrial Light Fixture with Versatile Hanger System	
P1598	Patent Cooperation Treaty		ORD	PCT/US01/24841	07-Aug-2001	WO/02/07082	07-Aug-2001				Inactive	IDEAL Industries Lighting LLC	Method for Manufacturing of Overhead Light Fixture	
P1598	Mexico		PCT	2003/03923	24-Apr-2003						Abandoned	IDEAL Industries Lighting LLC	Method for Manufacturing of Overhead Light Fixture	
P1598	Australia		PCT	2001283188	13-May-2003						Abandoned	IDEAL Industries Lighting LLC	Method for Manufacturing of Overhead Light Fixture	
P1598	European Patent Convention		PCT	01981087.5	07-Aug-2001						Abandoned	IDEAL Industries Lighting LLC	Method for Manufacturing of Overhead Light Fixture	
P1598	United States of America	1	ORD	09/898,545	24-Oct-2000			6,394,889	28-May-2002		Abandoned	IDEAL Industries Lighting LLC	Method for Manufacturing of Overhead Light Fixture	
P1598	Canada		PCT	2,354,895	07-Aug-2001						Abandoned	IDEAL Industries Lighting LLC	Method for Manufacturing of Overhead Light Fixture	
P1598	New Zealand		PCT	525437	23-Apr-2003			525437	10-Feb-2005		Abandoned	IDEAL Industries Lighting LLC	Method for Manufacturing of Overhead Light Fixture	
P1599	Patent Cooperation Treaty		ORD	PCT/US02/20489	28-Jun-2002						Inactive	IDEAL Industries Lighting LLC	Pole Mounting System Having Unique Base and Method of Assembly Thereof	
P1599	New Zealand		PCT	530592	14-Jan-2004			530592	14-Dec-2006	28-Jun-2002	Granted	IDEAL Industries Lighting LLC	Pole Mounting System Having Unique Base and Method of Assembly Thereof	
P1599	United Kingdom		EPP	02742327.8	28-Jun-2002	1407088		1407088	25-Jun-2008	28-Jun-2002	Granted	IDEAL Industries Lighting LLC	Pole Mounting System Having Unique Base and Method of Assembly Thereof	
P1599	European Patent Convention		PCT	02742327.8	22-Dec-2002	1407088		1407088	25-Jun-2008	28-Jun-2002	Granted	IDEAL Industries Lighting LLC	Pole Mounting System Having Unique Base and Method of Assembly Thereof	AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE; TR
P1599	Australia		PCT	2002015471	12-Jan-2004			2002015471	30-May-2007	28-Jun-2002	Granted	IDEAL Industries Lighting LLC	Pole Mounting System Having Unique Base and Method of Assembly Thereof	
P1599	Spain		EPP	02742327.8	28-Jun-2002	1407088		1407088	25-Jun-2008	28-Jun-2002	Granted	IDEAL Industries Lighting LLC	Pole Mounting System Having Unique Base and Method of Assembly Thereof	

P1599	Canada		PCT	2,451,234	22-Dec-2003	2451234	03-Jan-2003	2,451,234	11-Oct-2011	28-Jun-2002	Granted	IDEAL Industries Lighting LLC	Pole Mounting System Having Unique Base and Method of Assembly Thereof	
P1599	China (People's Republic)		PCT	02812999.7	28-Dec-2002			21,028,12999.7	01-Oct-2008	28-Jun-2002	Granted	IDEAL Industries Lighting LLC	Pole Mounting System Having Unique Base and Method of Assembly Thereof	
P1599	Germany		EPP	02742327.8	28-Jun-2002	1407088		1407088	25-Jun-2008	28-Jun-2002	Granted	IDEAL Industries Lighting LLC	Pole Mounting System Having Unique Base and Method of Assembly Thereof	
P1599	India		PCT	US02/0489	28-Jun-2002						Abandoned	IDEAL Industries Lighting LLC	Pole Mounting System Having Unique Base and Method of Assembly Thereof	
P1599	Italy		EPP	02742327.8	28-Jun-2002	1407088		1407088	25-Jun-2008	28-Jun-2002	Granted	IDEAL Industries Lighting LLC	Pole Mounting System Having Unique Base and Method of Assembly Thereof	
P1599	France		EPP	02742327.8	28-Jun-2002	1407088		1407088	25-Jun-2008	28-Jun-2002	Granted	IDEAL Industries Lighting LLC	Pole Mounting System Having Unique Base and Method of Assembly Thereof	
P1599	United States of America	1	ORD	09281,964	28-Jun-2001	US-2002-0194803	28-Dec-2002	6,940,517	04-Nov-2003	28-Jun-2001	Expired	IDEAL Industries Lighting LLC	Pole Mounting System Having Unique Base and Method of Assembly Thereof	
P1600	Patent Cooperation Treaty		ORD	PCT/US03/024925	07-Aug-2003						Inactive	IDEAL Industries Lighting LLC	Thermal Protector Mounting Bracket and Improved Thermally-Protected Ballast	
P1600	Canada		PCT	2,454,980	07-Aug-2003						Abandoned	IDEAL Industries Lighting LLC	Thermal Protector Mounting Bracket and Improved Thermally-Protected Ballast	
P1600	United States of America	1	ORD	10214,228	07-Aug-2002	US-2004-0032317	19-Feb-2004	6,893,507	17-Feb-2004		Abandoned	IDEAL Industries Lighting LLC	Thermal Protector Mounting Bracket and Improved Thermally-Protected Ballast	
P1601	United States of America	2	PIP	10687,058	07-Aug-2003			7,019,497	28-Mar-2006		Abandoned	IDEAL Industries Lighting LLC	Thermally-Protected Ballast for High-Intensity Discharge Lamps	
P1601	Patent Cooperation Treaty		ORD	PCT/US03/024926	07-Aug-2003						Inactive	IDEAL Industries Lighting LLC	Thermally-Protected Ballast for High-Intensity Discharge Lamps	
P1601	Canada		PCT	2,465,207	07-Aug-2003						Abandoned	IDEAL Industries Lighting LLC	Thermally-Protected Ballast for High-Intensity Discharge Lamps	
P1601	United States of America	1	ORD	10214,225	07-Aug-2002	US-2004-0032219	19-Feb-2004	6,958,579	25-Oct-2005		Abandoned	IDEAL Industries Lighting LLC	Thermally-Protected Ballast for High-Intensity Discharge Lamps	
P1602	United States of America	1	ORD	10204,880	14-Nov-2002	US-2004-0056774	20-May-2004	6,783,285	31-Aug-2004	14-Nov-2002	Granted	IDEAL Industries Lighting LLC	Suspension Stabilizers for Overhead Lighting Fixtures	
P1603	European Patent Convention		PCT	03779198.0	24-Oct-2003						Abandoned	IDEAL Industries Lighting LLC	Double-Wall Ballast Engagement and Ballast Mounting Method	
P1603	Australia		PCT	2003285955	24-Oct-2003						Abandoned	IDEAL Industries Lighting LLC	Double-Wall Ballast Engagement and Ballast Mounting Method	
P1603	Canada		PCT	2,503,588	24-Oct-2003						Abandoned	IDEAL Industries Lighting LLC	Double-Wall Ballast Engagement and Ballast Mounting Method	
P1603	Patent Cooperation Treaty		ORD	PCT/US03/033809	24-Oct-2003						Inactive	IDEAL Industries Lighting LLC	Double-Wall Ballast Engagement and Ballast Mounting Method	
P1603	New Zealand		PCT	536783	24-Oct-2003			536783	09-Oct-2008		Abandoned	IDEAL Industries Lighting LLC	Double-Wall Ballast Engagement and Ballast Mounting Method	
P1603	United States of America	1	ORD	10280,348	25-Oct-2002	US-2004-008095	26-Apr-2004	6,887,359	15-Mar-2005	25-Oct-2002	Granted	IDEAL Industries Lighting LLC	Double-Wall Ballast Engagement and Ballast Mounting Method	
P1604	United States of America	1	ORD	10668,417	05-Sep-2003	US-2005-0052870	10-Mar-2005	7,097,332	29-Aug-2006		Abandoned	IDEAL Industries Lighting LLC	Light Fixture with Fins	
P1605	New Zealand		PCT	548577	13-Apr-2009			548577	10-Oct-2009	04-Oct-2004	Granted	IDEAL Industries Lighting LLC	Linear Fluorescent High-Bay	
P1605	Canada		PCT	2,541,342	03-Apr-2009	2,541,342	14-Apr-2005	2,541,342	19-Apr-2013	04-Oct-2004	Granted	IDEAL Industries Lighting LLC	Linear Fluorescent High-Bay	
P1605	Canada	2	DVP	2,805,179	22-Jan-2013	2805179	14-Apr-2005	2,805,179	19-May-2015	04-Oct-2004	Granted	IDEAL Industries Lighting LLC	Linear Fluorescent High-Bay	
P1605	European Patent Convention	2	DIV	13152952.1	28-Jan-2013	EP 2 587 130 A2	01-May-2013	2587130	01-Feb-2017	04-Oct-2004	Granted	IDEAL Industries Lighting LLC	Linear Fluorescent High-Bay	AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LI; LU; MC; NL; PL; PT; RO; SE; SI; SK; TR
P1605	Germany		EPP	04784045.7	04-Oct-2004	1878441		1878441	20-Jan-2016	04-Oct-2004	Granted	IDEAL Industries Lighting LLC	Linear Fluorescent High-Bay	
P1605	Germany	2	EDV	13152952.1	28-Jan-2013	EP 2 587 130 A2	01-May-2013	2587130	01-Feb-2017	04-Oct-2004	Granted	IDEAL Industries Lighting LLC	Linear Fluorescent High-Bay	
P1605	Germany	3	EDV	13152953.9	28-Jan-2013	EP 2 587 131 A2	01-May-2013	2587131	25-Jul-2018	04-Oct-2004	Granted	IDEAL Industries Lighting LLC	Linear Fluorescent High-Bay	
P1605	European Patent Convention		PCT	04784045.7	31-Mar-2005	1878441		1878441	20-Jan-2016	04-Oct-2004	Granted	IDEAL Industries Lighting LLC	Linear Fluorescent High-Bay	AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LI; LU; MC; NL; PL; PT; RO; SE; SI; SK; TR
P1605	Australia		PCT	204077827	12-Apr-2009			204077827	05-Nov-2009	04-Oct-2004	Granted	IDEAL Industries Lighting LLC	Linear Fluorescent High-Bay	
P1605	New Zealand	2	DIV	577935	04-Oct-2004			577935	09-Jan-2012	04-Oct-2004	Granted	IDEAL Industries Lighting LLC	Linear Fluorescent High-Bay	
P1605	Patent Cooperation Treaty		ORD	PCT/US04/02542	04-Oct-2004						Inactive	IDEAL Industries Lighting LLC	Linear Fluorescent High-Bay	
P1605	United States of America	3	QDN	11,031,049	23-Mar-2006	US-2006-0164841	27-Jul-2006	7,291,439	28-Aug-2007	02-Oct-2003	Granted	IDEAL Industries Lighting LLC	Linear Fluorescent High-Bay	
P1605	European Patent Convention	3	DIV	13152953.9	28-Jan-2013	EP 2 587 131 A2	01-May-2013	2587131	25-Jul-2018	04-Oct-2004	Granted	IDEAL Industries Lighting LLC	Linear Fluorescent High-Bay	AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LI; LU; MC; NL; PL; PT; RO; SE; SI; SK; TR
P1605	United States of America	2	DIV	11,028,808	28-Sep-2005	US-2006-0023445	08-Feb-2006	7,297,890	24-Apr-2007	02-Oct-2003	Granted	IDEAL Industries Lighting LLC	Linear Fluorescent High-Bay	
P1605	Australia	2	DIV	209825377	04-Oct-2004			209825377	08-Sep-2011	04-Oct-2004	Granted	IDEAL Industries Lighting LLC	Linear Fluorescent High-Bay	
P1605	United States of America	1	ORD	10679,288	02-Oct-2003						Abandoned	IDEAL Industries Lighting LLC	Linear Fluorescent High-Bay	
P1605	Taiwan		ORD	80128011	01-Oct-2004						Abandoned	IDEAL Industries Lighting LLC	Linear Fluorescent High-Bay	
P1606	United States of America	1	DES	29205,050	07-May-2004			0501,947	15-Feb-2005	15-Feb-2019	Expired	IDEAL Industries Lighting LLC	Wall Mounted Lighting Fixture	
P1606	European Community		DES	000247432-0001	03-Nov-2004			000247432-0001	03-Nov-2004	03-Nov-2009	Granted	IDEAL Industries Lighting LLC	Wall Mounted Lighting Fixture	
P1606	Australia		DES	151692004	05-Nov-2004			301504	04-May-2005	05-Nov-2014	Expired	IDEAL Industries Lighting LLC	Wall Mounted Lighting Fixture	
P1606	New Zealand		DES	405470	04-Nov-2004			405470	07-Apr-2005	07-May-2019	Expired	IDEAL Industries Lighting LLC	Wall Mounted Lighting Fixture	
P1606	Canada		DES	108884	04-Nov-2004			108884	23-May-2006		Abandoned	IDEAL Industries Lighting LLC	Wall Mounted Lighting Fixture	
P1606	United Kingdom		RPO	9000247432-0001	03-Nov-2004			9000247432-0001	03-Nov-2004	03-Nov-2009	Granted	IDEAL Industries Lighting LLC	Wall Mounted Lighting Fixture	
P1607	Australia		DES	151612004	05-Nov-2004			301505	04-May-2005	05-Nov-2014	Expired	IDEAL Industries Lighting LLC	Housing of a Lighting Fixture	
P1607	United States of America	1	DES	29205,015	07-May-2004			0502,280	22-Feb-2005	22-Feb-2019	Expired	IDEAL Industries Lighting LLC	Housing of a Lighting Fixture	
P1607	New Zealand		DES	405471	04-Nov-2004			405471	08-Oct-2005	07-May-2019	Expired	IDEAL Industries Lighting LLC	Housing of a Lighting Fixture	

P1607	Canada		DES	10885	04-Nov-2004			10885	23-May-2006	29-May-2018	Expired	IDEAL Industries Lighting LLC	Housing of a Lighting Fixture
P1607	European Community		DES	000247432-0002	03-Nov-2004			000247432-0002	03-Nov-2004	03-Nov-2029	Granted	IDEAL Industries Lighting LLC	Housing of a Lighting Fixture
P1607	United Kingdom		RPD	900247432-0002	03-Nov-2004			900247432-0002	03-Nov-2004	03-Nov-2029	Granted	IDEAL Industries Lighting LLC	Housing of a Lighting Fixture
P1608	Australia		DES	151692004	05-Nov-2004			301506	05-Nov-2014	05-Nov-2014	Expired	IDEAL Industries Lighting LLC	Lighting Fixture with Extended Arm
P1608	United States of America	1	DES	29205,019	07-May-2004			0501,057	18-Jan-2005	18-Jan-2019	Expired	IDEAL Industries Lighting LLC	Lighting Fixture with Extended Arm
P1608	New Zealand		DES	405472	04-Nov-2004			405472	07-Apr-2005	07-May-2019	Expired	IDEAL Industries Lighting LLC	Lighting Fixture with Extended Arm
P1608	European Community		DES	000247432-0003	03-Nov-2004			000247432-0003	03-Nov-2004	03-Nov-2029	Granted	IDEAL Industries Lighting LLC	Lighting Fixture with Extended Arm
P1608	Canada		DES	10888	04-Nov-2004			10888	23-May-2006		Abandoned	IDEAL Industries Lighting LLC	Lighting Fixture with Extended Arm
P1608	United Kingdom		RPD	900247432-0003	03-Nov-2004			900247432-0003	03-Nov-2004	03-Nov-2029	Granted	IDEAL Industries Lighting LLC	Lighting Fixture with Extended Arm
P1609	Australia		DES	151632004	05-Nov-2004			301507	04-May-2005	05-Nov-2014	Expired	IDEAL Industries Lighting LLC	Lighting Fixture with Upward Arching Arm
P1609	Canada		DES	10887	04-Nov-2004			10887	23-May-2011		Abandoned	IDEAL Industries Lighting LLC	Lighting Fixture with Upward Arching Arm
P1609	European Community		DES	000247432-0004	03-Nov-2004			000247432-0004	03-Nov-2004	03-Nov-2029	Granted	IDEAL Industries Lighting LLC	Lighting Fixture with Upward Arching Arm
P1609	New Zealand		DES	405473	04-Nov-2004			405473	07-Apr-2005	07-May-2019	Expired	IDEAL Industries Lighting LLC	Lighting Fixture with Upward Arching Arm
P1609	United States of America	1	DES	29205,017	07-May-2004			0501,046	15-Feb-2005	15-Feb-2019	Expired	IDEAL Industries Lighting LLC	Lighting Fixture with Upward Arching Arm
P1609	United Kingdom		RPD	900247432-0004	03-Nov-2004			900247432-0004	03-Nov-2004	03-Nov-2029	Granted	IDEAL Industries Lighting LLC	Lighting Fixture with Upward Arching Arm
P1610	European Community		DES	000247424-0001	03-Nov-2004			000247424-0001	03-Nov-2004	03-Nov-2029	Granted	IDEAL Industries Lighting LLC	Latch Handle and Housing of a Lighting Fixture
P1610	Australia		DES	151642004	05-Nov-2004			301508	04-May-2005	05-Nov-2014	Expired	IDEAL Industries Lighting LLC	Latch Handle and Housing of a Lighting Fixture
P1610	Canada		DES	10888	04-Nov-2004			10888	23-May-2006		Abandoned	IDEAL Industries Lighting LLC	Latch Handle and Housing of a Lighting Fixture
P1610	New Zealand		DES	405474	04-Nov-2004			405474	07-Apr-2005	12-May-2019	Expired	IDEAL Industries Lighting LLC	Latch Handle and Housing of a Lighting Fixture
P1610	United States of America	1	DES	29205,298	12-May-2004			0531,882	14-Nov-2006	14-Nov-2020	Expired	IDEAL Industries Lighting LLC	Latch Handle and Housing of a Lighting Fixture
P1610	United Kingdom		RPD	900247424-0001	03-Nov-2004			900247424-0001	03-Nov-2004	03-Nov-2029	Granted	IDEAL Industries Lighting LLC	Latch Handle and Housing of a Lighting Fixture
P1611	United States of America	1	DES	29205,010	07-May-2004			0500,886	11-Jan-2005	11-Jan-2019	Expired	IDEAL Industries Lighting LLC	Mounting Arm of a Lighting Fixture
P1611	Australia		DES	151692004	05-Nov-2004			301509	04-May-2005	05-Nov-2014	Expired	IDEAL Industries Lighting LLC	Mounting Arm of a Lighting Fixture
P1611	Canada		DES	10889	04-Nov-2004			10889	23-May-2006		Abandoned	IDEAL Industries Lighting LLC	Mounting Arm of a Lighting Fixture
P1611	European Community		DES	000247432-0005	03-Nov-2004			000247432-0005	03-Nov-2004	03-Nov-2029	Granted	IDEAL Industries Lighting LLC	Mounting Arm of a Lighting Fixture
P1611	New Zealand		DES	405475	04-Nov-2004			405475	09-Oct-2005	07-May-2019	Expired	IDEAL Industries Lighting LLC	Mounting Arm of a Lighting Fixture
P1611	United Kingdom		RPD	900247432-0005	03-Nov-2004			900247432-0005	03-Nov-2004	03-Nov-2029	Granted	IDEAL Industries Lighting LLC	Mounting Arm of a Lighting Fixture
P1612	United States of America	1	ORD	11/069,928	25-Mar-2005	US-2006-0214432	28-Sep-2008	7,419,198	02-Sep-2008	01-Sep-2025	Granted	IDEAL Industries Lighting LLC	Detachable Hinging Mechanism for Access Panel
P1613	United States of America	1	ORD	10/868,878	15-Oct-2004	US-2006-0972007	20-Apr-2008	7,491,939	22-Jul-2008	02-Jun-2025	Granted	IDEAL Industries Lighting LLC	Wall Mount with Detachable Support Panel
P1614	United States of America	1	ORD	11/063,489	30-Mar-2005	US-2006-0227538	12-Oct-2008	7,210,828	01-May-2007	30-Mar-2025	Granted	IDEAL Industries Lighting LLC	Component Tray for Electrical Fixture Housing
P1615	United States of America	1	ORD	11/198,047	02-Aug-2005	US-2007-0030882	08-Feb-2007	7,284,877	23-Oct-2007	27-Nov-2025	Granted	IDEAL Industries Lighting LLC	Industrial Light Fixture with Spring Spacer Apparatus
P1616	United States of America	1	ORD	11/198,048	02-Aug-2005	US-2007-0081345	12-Apr-2007	7,319,593	15-Jan-2008	03-Aug-2025	Granted	IDEAL Industries Lighting LLC	Industrial Light Fixture with Spring Bracket Over Capacitor
P1617	United States of America	1	ORD	11/198,064	02-Aug-2005	US-2007-0030886	08-Feb-2007	7,350,940	01-Apr-2008	25-Oct-2025	Granted	IDEAL Industries Lighting LLC	Overhead Industrial Light Fixture with Thermal Chimney Continuous to Recessed Socket
P1617	Australia		ORD	20/6228021	11-Oct-2008	20/6228021	12-May-2008	20/6228021	02-May-2010	11-Oct-2026	Granted	IDEAL Industries Lighting LLC	Overhead Industrial Light Fixture with Thermal Chimney Continuous to Recessed Socket
P1617	Canada		ORD	2,562,811	08-Oct-2009						Abandoned	IDEAL Industries Lighting LLC	Overhead Industrial Light Fixture with Thermal Chimney Continuous to Recessed Socket
P1618	United States of America	1	DES	29205,585	11-May-2009			0585,227	25-Mar-2008	25-Mar-2022	Granted	IDEAL Industries Lighting LLC	Light Fixture with Extended Arm Mounting
P1619	United States of America	1	DES	29205,589	11-May-2009			0585,226	25-Mar-2008	25-Mar-2022	Granted	IDEAL Industries Lighting LLC	Light Fixture with Post Top Mounting
P1620	European Community		DES	000816149-0001	06-Nov-2006			000816149-0001	06-Nov-2006	06-Nov-2031	Granted	IDEAL Industries Lighting LLC	Light Fixture Housing
P1620	New Zealand		DES	408335	07-Nov-2006			408335	13-Dec-2007	11-May-2021	Expired	IDEAL Industries Lighting LLC	Light Fixture Housing
P1620	Canada		DES	118177	05-Nov-2006			118177	09-Apr-2008	19-Apr-2018	Expired	IDEAL Industries Lighting LLC	Light Fixture Housing
P1620	Australia		DES	151392006	09-Nov-2006			313019	16-Feb-2007	09-Nov-2016	Expired	IDEAL Industries Lighting LLC	Light Fixture Housing
P1620	United States of America	1	DES	29205,587	11-May-2009			0585,229	25-Mar-2008	25-Mar-2022	Granted	IDEAL Industries Lighting LLC	Light Fixture Housing
P1620	United Kingdom		RPD	900816149-0001	06-Nov-2006			900816149-0001	06-Nov-2006	06-Nov-2031	Granted	IDEAL Industries Lighting LLC	Light Fixture Housing
P1621	Canada		ORD	2,560,568	22-Sep-2006	25/0596	30-Dec-2007	2560,568	29-Jul-2014	22-Sep-2028	Abandoned	IDEAL Industries Lighting LLC	Lighting Fixture Service Access
P1621	United States of America	1	ORD	11/478,781	30-Jun-2009	US-2006-0002414	03-Jan-2008	7,478,931	20-Jan-2009	01-Jul-2029	Granted	IDEAL Industries Lighting LLC	Lighting Fixture Service Access
P1622	United States of America	1	ORD	11/478,818	30-Jun-2009	US-2006-0002408	03-Jan-2008	7,517,112	14-Apr-2009	27-Dec-2028	Granted	IDEAL Industries Lighting LLC	Top Relamping System
P1622	Canada		ORD	2,560,827	22-Sep-2006	25/0827	30-Dec-2007	2,560,827	12-Nov-2013	22-Sep-2028	Granted	IDEAL Industries Lighting LLC	TOP RELAMPING SYSTEM
P1623	United States of America	1	ORD	11/505,077	16-Aug-2009	US-2008-0043467	21-Feb-2008	7,354,177	08-Apr-2008	16-Aug-2028	Granted	IDEAL Industries Lighting LLC	Light Fixture with Composite Reflector System

P1624	Germany		EPC	07018811.9	21-Sep-2007	1908896	23-Jun-2010	1,908,896	11-Apr-2012	21-Sep-2027	Abandoned	IDEAL Industries Lighting LLC	Reinforced Pole Structure	
P1624	Spain		EPC	07018811.9	21-Sep-2007	1908896	23-Jun-2010	1,908,896	11-Apr-2012	21-Sep-2027	Abandoned	IDEAL Industries Lighting LLC	Reinforced Pole Structure	
P1624	United Kingdom		EPC	07018811.9	21-Sep-2007	1908896	23-Jun-2010	1,908,896	11-Apr-2012	21-Sep-2027	Abandoned	IDEAL Industries Lighting LLC	Reinforced Pole Structure	
P1624	France		EPC	07018811.9	21-Sep-2007	1908896	23-Jun-2010	1,908,896	11-Apr-2012	21-Sep-2027	Abandoned	IDEAL Industries Lighting LLC	Reinforced Pole Structure	
P1624	Australia		ORD	20720789	21-Feb-2007			20720789	27-Aug-2008	21-Feb-2027	Granted	IDEAL Industries Lighting LLC	Reinforced Pole Structure	
P1624	European Patent Convention		ORD	07018811.9	21-Sep-2007	1908896	23-Jun-2010	1908896	11-Apr-2012	21-Sep-2027	Granted	IDEAL Industries Lighting LLC	Reinforced Pole Structure	AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LI; LT; LU; LV; MC; MT; NL; PL; PT; RO; SE; SI; SK; TR
P1624	Mexico		ORD	MW/0701180	27-Sep-2007						Abandoned	IDEAL Industries Lighting LLC	Reinforced Pole Structure	
P1624	Italy		EPC	07018811.9	21-Sep-2007	1908896	23-Jun-2010	1,908,896	11-Apr-2012	21-Sep-2027	Abandoned	IDEAL Industries Lighting LLC	Reinforced Pole Structure	
P1624	Netherlands		EPC	07018811.9	21-Sep-2007	1908896	23-Jun-2010	1,908,896	11-Apr-2012	21-Sep-2027	Abandoned	IDEAL Industries Lighting LLC	Reinforced Pole Structure	
P1624	New Zealand		ORD	581801	25-Sep-2007			581801	14-May-2008	25-Sep-2027	Abandoned	IDEAL Industries Lighting LLC	Reinforced Pole Structure	
P1624	United States of America	1	ORD	11/541,322	28-Sep-2008	US-2008-0078141	03-Apr-2008	7,637,075	29-Dec-2009	25-Nov-2027	Granted	IDEAL Industries Lighting LLC	Reinforced Pole Structure	
P1624	Canada		ORD	2,804,129	24-Sep-2007	2804129	29-Mar-2008	2,804,129	22-Nov-2011	24-Sep-2027	Abandoned	IDEAL Industries Lighting LLC	Reinforced Pole Structure	
P1625	European Patent Convention		ORD	07018278.1	18-Sep-2007	1906078	02-Apr-2008	1906078	18-Jun-2010	18-Sep-2027	Granted	IDEAL Industries Lighting LLC	Directionally-Adjustable LED Spotlight	AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LI; LT; LU; LV; MC; MT; NL; PL; PT; RO; SE; SI; SK; TR
P1625	Italy		EPC	272486E/2010	18-Sep-2007	1906078	02-Apr-2008	1906078	18-Jun-2010	18-Sep-2027	Abandoned	IDEAL Industries Lighting LLC	Directionally-Adjustable LED Spotlight	
P1625	Germany		EPC	60207007188.8	18-Sep-2007	1906078	02-Apr-2008	1906078	18-Jun-2010	18-Sep-2027	Granted	IDEAL Industries Lighting LLC	Directionally-Adjustable LED Spotlight	
P1625	United Kingdom		EPC	07018278.1	18-Sep-2007	1906078	02-Apr-2008	1906078	18-Jun-2010	18-Sep-2027	Abandoned	IDEAL Industries Lighting LLC	Directionally-Adjustable LED Spotlight	
P1625	United States of America	1	ORD	11/541,306	30-Sep-2008	US-2008-0078141	03-Apr-2008	7,744,259	29-Jun-2010	30-Sep-2028	Granted	IDEAL Industries Lighting LLC	Directionally-Adjustable LED Spotlight	
P1625	France		EPC	07018278.1	18-Sep-2007	1906078	02-Apr-2008	1906078	18-Jun-2010	18-Sep-2027	Abandoned	IDEAL Industries Lighting LLC	Directionally-Adjustable LED Spotlight	
P1625	Canada		ORD	2,802,780	18-Sep-2007	2802780	30-Mar-2008	2,802,780	17-Jun-2014	18-Sep-2027	Abandoned	IDEAL Industries Lighting LLC	Directionally-Adjustable LED Spotlight	
P1626	United States of America	1	ORD	11/541,307	30-Sep-2008	US-2008-0080192	03-Apr-2008	7,425,084	18-Sep-2008	08-Oct-2028	Granted	IDEAL Industries Lighting LLC	Ballast Luminaire	
P1627	United States of America	2	OP	11/680,843	25-Sep-2007	US-2005-0080196	03-Apr-2008	7,952,282	31-May-2011	28-Sep-2038	Granted	IDEAL Industries Lighting LLC	Modular LED Unit Incorporating Interconnected Heat Sinks Configured to Mount and Hold Adjacent LED Modules	
P1627	Germany		EPC	07019054.1	27-Sep-2007	1906034	02-Apr-2008	1906034	03-Mar-2010	27-Sep-2027	Granted	IDEAL Industries Lighting LLC	Modular LED Unit Incorporating Interconnected Heat Sinks Configured to Mount and Hold Adjacent LED Modules	
P1627	United Kingdom		EPC	07019054.1	27-Sep-2007	1906034	02-Apr-2008	1906034	03-Mar-2010	27-Sep-2027	Granted	IDEAL Industries Lighting LLC	Modular LED Unit Incorporating Interconnected Heat Sinks Configured to Mount and Hold Adjacent LED Modules	
P1627	European Patent Convention		ORD	07019054.1	27-Sep-2007	1906034	02-Apr-2008	1906034	03-Mar-2010	27-Sep-2027	Granted	IDEAL Industries Lighting LLC	Modular LED Unit Incorporating Interconnected Heat Sinks Configured to Mount and Hold Adjacent LED Modules	AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LI; LT; LU; LV; MC; MT; NL; PL; PT; RO; SE; SI; SK; TR
P1627	Australia		ORD	207221783	28-Sep-2007			207221783	24-Oct-2013	28-Sep-2027	Granted	IDEAL Industries Lighting LLC	Modular LED Unit Incorporating Interconnected Heat Sinks Configured to Mount and Hold Adjacent LED Modules	
P1627	Australia	2	DIV	2013205081	13-Apr-2013						Abandoned	IDEAL Industries Lighting LLC	Modular LED Unit Incorporating Interconnected Heat Sinks Configured to Mount and Hold Adjacent LED Modules	
P1627	Canada		ORD	2,804,384	28-Sep-2007	2804384	30-Mar-2008	2,804,384	28-Nov-2012	28-Sep-2027	Granted	IDEAL Industries Lighting LLC	Modular LED Unit Incorporating Interconnected Heat Sinks Configured to Mount and Hold Adjacent LED Modules	
P1627	Spain	2	UTM	200701985	01-Oct-2007			1067212	17-Jul-2008	01-Oct-2017	Expired	IDEAL Industries Lighting LLC	Modular LED Unit Incorporating Interconnected Heat Sinks Configured to Mount and Hold Adjacent LED Modules	
P1627	France		EPC	07019054.1	27-Sep-2007	1906034	02-Apr-2008	1906034	03-Mar-2010	27-Sep-2027	Granted	IDEAL Industries Lighting LLC	Modular LED Unit Incorporating Interconnected Heat Sinks Configured to Mount and Hold Adjacent LED Modules	
P1627	Italy		EPC	07019054.1	27-Sep-2007	1906034	02-Apr-2008	1906034	03-Mar-2010	27-Sep-2027	Granted	IDEAL Industries Lighting LLC	Modular LED Unit Incorporating Interconnected Heat Sinks Configured to Mount and Hold Adjacent LED Modules	
P1627	Mexico	2	ORD	MX/2007/012059	28-Sep-2007			288380	01-Aug-2011	28-Sep-2027	Granted	IDEAL Industries Lighting LLC	Modular LED Unit Incorporating Interconnected Heat Sinks Configured to Mount and Hold Adjacent LED Modules	
P1627	New Zealand	2	ORD	582070	28-Sep-2007			582070	11-Jun-2009	28-Sep-2027	Granted	IDEAL Industries Lighting LLC	Modular LED Unit Incorporating Interconnected Heat Sinks Configured to Mount and Hold Adjacent LED Modules	
P1627	United States of America	1	ORD	11/541,305	30-Sep-2008						Abandoned	IDEAL Industries Lighting LLC	Modular LED Unit Incorporating Interconnected Heat Sinks Configured to Mount and Hold Adjacent LED Modules	
P1627	Germany	2	UTM	20207013823.4	28-Sep-2007			20207013823.4	14-Feb-2008	28-Sep-2017	Expired	IDEAL Industries Lighting LLC	Modular LED Unit Incorporating Interconnected Heat Sinks Configured to Mount and Hold Adjacent LED Modules	
P1628	United Kingdom		EPC	07019055.8	27-Sep-2007	1906031	02-Apr-2008	1906031	22-Jun-2011	27-Sep-2027	Granted	IDEAL Industries Lighting LLC	LED Floodlight Fixture	
P1628	Canada		ORD	2,804,584	27-Sep-2007	2804584	30-Mar-2008	2,804,584	15-Nov-2011	27-Sep-2027	Granted	IDEAL Industries Lighting LLC	LED Floodlight Fixture	
P1628	Germany		EPC	07019055.8	27-Sep-2007	1906031	02-Apr-2008	1906031	22-Jun-2011	27-Sep-2027	Granted	IDEAL Industries Lighting LLC	LED Floodlight Fixture	
P1628	Germany	2	EDV	10161021.0	27-Sep-2007	2211088	17-Aug-2011	2211088	08-Jan-2016	27-Sep-2027	Granted	IDEAL Industries Lighting LLC	LED Floodlight Fixture	
P1628	Germany	3	EDV	10161018.8	27-Sep-2007	2209947	17-Aug-2011	2209947	12-Mar-2014	27-Sep-2027	Granted	IDEAL Industries Lighting LLC	LED Floodlight Fixture	
P1628	European Patent Convention	2	DIV	10161021.0	28-Apr-2010	2211088	17-Aug-2011	2211088	08-Jan-2016	27-Sep-2027	Granted	IDEAL Industries Lighting LLC	LED Floodlight Fixture	AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LI; LT; LU; LV; MC; MT; NL; PL; PT; RO; SE; SI; SK; TR
P1628	European Patent Convention	3	DIV	10161018.8	28-Apr-2010	2209947	17-Aug-2011	2209947	12-Mar-2014	27-Sep-2027	Granted	IDEAL Industries Lighting LLC	LED Floodlight Fixture	AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LI; LT; LU; LV; MC; MT; NL; PL; PT; RO; SE; SI; SK; TR
P1628	Spain		EPC	07019055.8	27-Sep-2007	1906031	02-Apr-2008	1906031	22-Jun-2011	27-Sep-2027	Granted	IDEAL Industries Lighting LLC	LED Floodlight Fixture	
P1628	France		EPC	07019055.8	27-Sep-2007	1906031	02-Apr-2008	1906031	22-Jun-2011	27-Sep-2027	Granted	IDEAL Industries Lighting LLC	LED Floodlight Fixture	
P1628	Australia		ORD	207221761	28-Sep-2007			207221761	24-Apr-2014	28-Sep-2027	Granted	IDEAL Industries Lighting LLC	LED Floodlight Fixture	
P1628	France	3	EDV	10161018.8	27-Sep-2007	2209947	17-Aug-2011	2209947	12-Mar-2014	27-Sep-2027	Granted	IDEAL Industries Lighting LLC	LED Floodlight Fixture	
P1628	European Patent Convention		ORD	07019055.8	27-Sep-2007	1906031	02-Apr-2008	1906031	22-Jun-2011	27-Sep-2027	Granted	IDEAL Industries Lighting LLC	LED Floodlight Fixture	AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LI; LT; LU; LV; MC; MT; NL; PL; PT; RO; SE; SI; SK; TR
P1628	United States of America		REX	90012.110	27-Jan-2012					25-Sep-2027	Pending	IDEAL Industries Lighting LLC	LED Floodlight Fixture	
P1628	Spain	3	EDV	10161018.8	27-Sep-2007	2209947	17-Aug-2011	2209947	12-Mar-2014	27-Sep-2027	Granted	IDEAL Industries Lighting LLC	LED Floodlight Fixture	

P1628	United Kingdom	3	EDV	10161018.8	27-Sep-2007	2206947	17-Aug-2011	2206947	12-Mar-2014	27-Sep-2027	Granted	IDEAL Industries Lighting LLC	LED Floodlight Fixture
P1628	Italy	3	EDV	10161018.8	27-Sep-2007	2206947	17-Aug-2011	2206947	12-Mar-2014	27-Sep-2027	Granted	IDEAL Industries Lighting LLC	LED Floodlight Fixture
P1628	Netherlands	3	EDV	10161018.8	27-Sep-2007	2206947	17-Aug-2011	2206947	12-Mar-2014	27-Sep-2027	Granted	IDEAL Industries Lighting LLC	LED Floodlight Fixture
P1628	Netherlands		EPC	07019055.8	27-Sep-2007	1906081	02-Apr-2008	1906081	22-Jun-2011	27-Sep-2027	Granted	IDEAL Industries Lighting LLC	LED Floodlight Fixture
P1628	United States of America	1	ORD	11541.988	30-Sep-2006						Abandoned	IDEAL Industries Lighting LLC	LED Floodlight Fixture
P1628	Mexico		ORD	MXA/07/012068	08-Sep-2007			277954	09-Aug-2010	08-Sep-2027	Granted	IDEAL Industries Lighting LLC	LED Floodlight Fixture
P1628	United States of America	3	DDN	12629.988	02-Dec-2009	US-2010-149809	17-Jun-2010	8,070,308	06-Dec-2011	30-Sep-2028	Granted	IDEAL Industries Lighting LLC	LED Floodlight Fixture
P1628	Italy		EPC	07019055.8	27-Sep-2007	1906081	02-Apr-2008	1906081	22-Jun-2011	27-Sep-2027	Granted	IDEAL Industries Lighting LLC	LED Floodlight Fixture
P1628	United States of America	4	DDN	13294.459	11-Nov-2011	2012057340	08-Mar-2012	8,425,071	23-Apr-2013	30-Sep-2028	Granted	IDEAL Industries Lighting LLC	LED Floodlight Fixture
P1628	United States of America	5	DDN	13834.525	15-Mar-2013	20140104835	17-Apr-2014	9,039,223	26-May-2015	25-Sep-2027	Granted	IDEAL Industries Lighting LLC	LED Floodlight Fixture
P1628	United States of America	6	DDN	14708.558	11-May-2015	2015-0241051	27-Aug-2015	9,281,270	16-Feb-2016	25-Sep-2027	Granted	IDEAL Industries Lighting LLC	LED Floodlight Fixture
P1628	United States of America	2	CIP	11880.887	25-Sep-2007	US-2005-0080196	03-Apr-2008	7,886,499	30-Mar-2010	30-Sep-2028	Granted	IDEAL Industries Lighting LLC	LED Floodlight Fixture
P1628	Australia	2	DIV	2013205463	12-Apr-2013			2013205463	25-Sep-2014	29-Sep-2027	Granted	IDEAL Industries Lighting LLC	LED Floodlight Fixture
P1628	New Zealand		ORD	562099	28-Sep-2007			562099	11-Jun-2008	29-Sep-2027	Granted	IDEAL Industries Lighting LLC	LED Floodlight Fixture
P1629	New Zealand		DES	408890	28-Mar-2007			408890	02-Aug-2007	29-Sep-2021	Expired	IDEAL Industries Lighting LLC	Wall Mount LED Floodlight
P1629	Australia		DES	172192007	29-Mar-2007			314922	03-Jul-2007	29-Mar-2017	Expired	IDEAL Industries Lighting LLC	Wall Mount LED Floodlight
P1629	European Community	1	DES	000893924-0001	23-Mar-2007			000893924-0001	23-Mar-2007	23-Mar-2032	Granted	IDEAL Industries Lighting LLC	Wall Mount LED Floodlight
P1629	European Community	2	DES	000893924-0002	23-Mar-2007			000893924-0002	23-Mar-2007	23-Mar-2032	Granted	IDEAL Industries Lighting LLC	Wall Mount LED Floodlight
P1629	United States of America	1	DES	29268.883	29-Sep-2006			0579.332	02-Sep-2008	02-Sep-2032	Granted	IDEAL Industries Lighting LLC	Wall Mount LED Floodlight
P1629	Canada		DES	120074	28-Mar-2007			120074	24-Jul-2008	24-Jul-2019	Expired	IDEAL Industries Lighting LLC	Wall Mount LED Floodlight
P1629	European Community	3	DES	000893924-0003	23-Mar-2007			000893924-0003	23-Mar-2007	23-Mar-2032	Granted	IDEAL Industries Lighting LLC	Wall Mount LED Floodlight
P1629	Mexico		DES	2007000668	28-Mar-2007			24878	07-Jan-2008	28-Mar-2022	Granted	IDEAL Industries Lighting LLC	Wall Mount LED Floodlight
P1629	United Kingdom	1	RFD	900093924-0001	23-Mar-2007			900093924-0001	23-Mar-2007	23-Mar-2032	Granted	IDEAL Industries Lighting LLC	Wall Mount LED Floodlight
P1629	United Kingdom	2	RFD	900093924-0002	23-Mar-2007			900093924-0002	23-Mar-2007	23-Mar-2032	Granted	IDEAL Industries Lighting LLC	Wall Mount LED Floodlight
P1629	United Kingdom	3	RFD	900093924-0003	23-Mar-2007			900093924-0003	23-Mar-2007	23-Mar-2032	Granted	IDEAL Industries Lighting LLC	Wall Mount LED Floodlight
P1630	United States of America	1	DES	29268.884	29-Sep-2006			0579.330	02-Sep-2008	02-Sep-2032	Granted	IDEAL Industries Lighting LLC	LED Floodlight
P1630	Canada		DES	120075	28-Mar-2007			120075	24-Jul-2008	24-Jul-2019	Expired	IDEAL Industries Lighting LLC	LED Floodlight
P1630	New Zealand		DES	408891	28-Mar-2007			408891	02-Aug-2007	29-Sep-2021	Expired	IDEAL Industries Lighting LLC	LED Floodlight
P1630	Australia		DES	172192007	29-Mar-2007			314711	18-Jun-2007	29-Mar-2017	Expired	IDEAL Industries Lighting LLC	LED Floodlight
P1630	Mexico		DES	2007000668	28-Mar-2007			25801	15-May-2008	28-Mar-2022	Granted	IDEAL Industries Lighting LLC	LED Floodlight
P1631	Canada		DES		29-Mar-2007						Abandoned	IDEAL Industries Lighting LLC	Retractable Canopy Luminaire and Installation Method
P1631	New Zealand		DES	408892	28-Mar-2007			408892	02-Aug-2007		Abandoned	IDEAL Industries Lighting LLC	Retractable Canopy Luminaire and Installation Method
P1631	United States of America	1	DES	29268.885	29-Sep-2006						Abandoned	IDEAL Industries Lighting LLC	Retractable Canopy Luminaire and Installation Method
P1631	Australia		DES	172192007	29-Mar-2007			314710	18-Jun-2007	29-Mar-2017	Expired	IDEAL Industries Lighting LLC	Retractable Canopy Luminaire and Installation Method
P1632	Canada		ORD	2,602,694	18-Sep-2007	2602694	06-Apr-2008	2,602,694	27-Jan-2015	18-Sep-2027	Granted	IDEAL Industries Lighting LLC	Retractable Canopy Luminaire and Installation Method
P1632	United States of America	1	ORD	11855.540	08-Oct-2009	US-2008-0084968	10-Apr-2008	7,572,038	11-Aug-2009	07-Nov-2028	Granted	IDEAL Industries Lighting LLC	Retractable Canopy Luminaire and Installation Method
P1633	United States of America	1	DES	29269.340	29-Nov-2006			0577.146	16-Sep-2008	18-Sep-2032	Granted	IDEAL Industries Lighting LLC	Wall Mount Lighting Fixture
P1634	United States of America	1	DES	29272.919	21-Feb-2007			0580.589	11-Nov-2008	11-Nov-2022	Granted	IDEAL Industries Lighting LLC	Curved Lamp Pole for an Outdoor Lighting Fixture
P1635	United States of America	1	DES	29272.983	21-Feb-2007			0570.534	03-Jun-2008	03-Jun-2022	Granted	IDEAL Industries Lighting LLC	Lighting Fixture Mounting Arm
P1636	European Community		DES	00073886-0001	14-Aug-2007			00073886-0001	14-Aug-2007	14-Aug-2032	Granted	IDEAL Industries Lighting LLC	Ceiling Lighting Fixture
P1636	United States of America	1	DES	29272.982	21-Feb-2007			0574.548	05-Aug-2008	05-Aug-2032	Granted	IDEAL Industries Lighting LLC	Ceiling Lighting Fixture
P1636	Mexico		DES	MXF/2007/01719	17-Aug-2007			28920	19-Aug-2008	17-Aug-2022	Granted	IDEAL Industries Lighting LLC	Ceiling Lighting Fixture
P1636	Canada		DES	122.088	17-Aug-2007			122.088	15-May-2008	15-May-2018	Expired	IDEAL Industries Lighting LLC	Ceiling Lighting Fixture
P1636	Australia		DES	19430.2007	20-Aug-2007			318778	05-Nov-2007	20-Aug-2017	Expired	IDEAL Industries Lighting LLC	Ceiling Lighting Fixture
P1636	New Zealand		DES	408.544	16-Aug-2007			408.544	09-Mar-2008	21-Feb-2022	Granted	IDEAL Industries Lighting LLC	Ceiling Lighting Fixture
P1636	United Kingdom		RFD	900073886-0001	14-Aug-2007			900073886-0001	14-Aug-2007	14-Aug-2032	Granted	IDEAL Industries Lighting LLC	Ceiling Lighting Fixture
P1637	United States of America	1	ORD	11677.531	21-Feb-2007	US-2008-0168099	21-Aug-2008	7,703,929	27-Apr-2010	30-Sep-2027	Granted	IDEAL Industries Lighting LLC	Light Fixture Support Assembly
P1638	United States of America	1	ORD	11708.777	21-Feb-2007	US-2008-0168811	21-Aug-2008	7,585,084	08-Sep-2009	27-Jun-2027	Granted	IDEAL Industries Lighting LLC	Ceiling Fixture Mount Facilitating Assembly

P1639	United States of America	1	ORD	11/85,158	02-Apr-2007	20080209731	02-Oct-2008	8,511,888	25-Aug-2010	29-Jan-2028	Granted	IDEAL Industries Lighting LLC	Remote Ballast Housing with Airflow Channel	
P1640	Australia		PCT	2/02839822	09-Oct-2009			2/02839822	20-Mar-2014	25-Mar-2028	Granted	IDEAL Industries Lighting LLC	Light Directing LED Apparatus	
P1640	Japan		PCT	2010502112	02-Oct-2009			5999036	03-Apr-2016	25-Mar-2028	Abandoned	IDEAL Industries Lighting LLC	Light Directing LED Apparatus	
P1640	China (People's Republic)		PCT	200880017067.9	23-Nov-2009	101680622	24-Mar-2010	ZL200880017067.9	29-Oct-2011	25-Mar-2028	Granted	IDEAL Industries Lighting LLC	Light Directing LED Apparatus	
P1640	Brazil		PCT	P10309438.8	30-Sep-2009						Abandoned	IDEAL Industries Lighting LLC	Light Directing LED Apparatus	
P1640	Germany		EPP	08742418.0	25-Mar-2008	2132479	16-Dec-2009	2132479	07-Sep-2016	25-Mar-2028	Granted	IDEAL Industries Lighting LLC	Light Directing LED Apparatus	
P1640	India		PCT	6251/DELNP/2009	25-Mar-2008	6251/DELNP/2009	29-Aug-2010	309739	22-Mar-2010	25-Mar-2028	Abandoned	IDEAL Industries Lighting LLC	Light Directing LED Apparatus	
P1640	Hong Kong		RDN	10105241.4	28-May-2010	1136448	17-Sep-2010	HK1136448	17-Aug-2012	25-Mar-2028	Granted	IDEAL Industries Lighting LLC	Light Directing LED Apparatus	
P1640	Canada		PCT	2,682,345	26-Sep-2009	2682345	16-Oct-2008	2,682,345	09-Jul-2013	25-Mar-2028	Granted	IDEAL Industries Lighting LLC	Light Directing LED Apparatus	
P1640	Mexico		PCT	202601091.2	25-Mar-2008			262894	14-Jan-2011	25-Mar-2028	Granted	IDEAL Industries Lighting LLC	Light Directing LED Apparatus	
P1640	New Zealand		PCT	579914	24-Sep-2009	579914	31-Aug-2012	579914	11-Dec-2012	25-Mar-2028	Granted	IDEAL Industries Lighting LLC	Light Directing LED Apparatus	
P1640	Russian Federation		PCT	2009140312	30-Oct-2009			2481771	20-Sep-2012	25-Mar-2028	Abandoned	IDEAL Industries Lighting LLC	Light Directing LED Apparatus	
P1640	Patent Cooperation Treaty		ORD	PCT/US2009/04109	25-Mar-2008						Inactive	IDEAL Industries Lighting LLC	Light Directing LED Apparatus	
P1640	European Patent Convention		PCT	08742418.0	07-Oct-2009	2132479	16-Dec-2009	2132479	07-Sep-2016	25-Mar-2028	Granted	IDEAL Industries Lighting LLC	Light Directing LED Apparatus	AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LU; LV; MC; MT; NL; NO; PL; PT; RO; SE; SI; SK; TR
P1640	United States of America	1	ORD	11/85,463	02-Apr-2007	20080209722	02-Oct-2008	7,616,183	17-Nov-2009	03-Jun-2027	Granted	IDEAL Industries Lighting LLC	Light Directing LED Apparatus	
P1640	Korea, Republic of		PCT	10-2009-7022450	27-Oct-2009			10-1546501	17-Aug-2015	25-Mar-2028	Abandoned	IDEAL Industries Lighting LLC	Light Directing LED Apparatus	
P1641	Australia		DES	20569207	05-Nov-2007			318229	08-Mar-2008	05-Jan-2017	Expired	IDEAL Industries Lighting LLC	Curved Pole with Lighting Fixture	
P1641	United States of America	1	DES	29278,658	04-May-2007			0576,321	02-Sep-2008	02-Sep-2022	Granted	IDEAL Industries Lighting LLC	Curved Pole with Lighting Fixture	
P1641	Canada		DES	123325	05-Nov-2007						Abandoned	IDEAL Industries Lighting LLC	Curved Pole with Lighting Fixture	
P1641	European Community		DES	000819743	05-Nov-2007			000819743-0001	05-Nov-2007	05-Nov-2002	Granted	IDEAL Industries Lighting LLC	Curved Pole with Lighting Fixture	
P1641	Mexico		DES	MW/07/00241.4	05-Nov-2007						Abandoned	IDEAL Industries Lighting LLC	Curved Pole with Lighting Fixture	
P1641	New Zealand		DES	409883	05-Nov-2007						Abandoned	IDEAL Industries Lighting LLC	Curved Pole with Lighting Fixture	
P1641	United Kingdom		RFD	9/00019743	05-Nov-2007			9003019743-0001	05-Nov-2007	05-Nov-2002	Granted	IDEAL Industries Lighting LLC	Curved Pole with Lighting Fixture	
P1642	Canada		ORD	2,622,524	22-Feb-2008	2622524	03-Nov-2008	2,622,524	21-Jul-2015	22-Feb-2028	Granted	IDEAL Industries Lighting LLC	Shield Member in LED Apparatus	
P1642	European Patent Convention	2	DIV	12 188 829.3	01-Oct-2012	EP 2 543 924 A2	09-Jan-2013	2543924	04-Nov-2015	13-Mar-2028	Granted	IDEAL Industries Lighting LLC	Shield Member in LED Apparatus	AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LU; LV; MC; MT; NL; NO; PL; PT; RO; SE; SI; SK; TR
P1642	European Patent Convention		ORD	08004710.3	13-Mar-2008	1988576	05-Nov-2008	1988576	06-Mar-2013	13-Mar-2028	Granted	IDEAL Industries Lighting LLC	Shield Member in LED Apparatus	AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LU; LV; MC; MT; NL; NO; PL; PT; RO; SE; SI; SK; TR
P1642	Australia		ORD	2008201098	07-Mar-2008			2008201098	24-Dec-2010	07-Mar-2028	Granted	IDEAL Industries Lighting LLC	Shield Member in LED Apparatus	
P1642	Germany		EPC	08004710.3	13-Mar-2008	1988576	05-Nov-2008	1988576	06-Mar-2013	13-Mar-2028	Granted	IDEAL Industries Lighting LLC	Shield Member in LED Apparatus	
P1642	China (People's Republic)		PCT	200830014626.0	03-Nov-2009	CN101675209A	27-May-2010	ZL200830014626.0	28-Nov-2014	02-May-2028	Granted	IDEAL Industries Lighting LLC	Shield Member in LED Apparatus	
P1642	Brazil		PCT	P10310916.8	30-Oct-2009						Abandoned	IDEAL Industries Lighting LLC	Shield Member in LED Apparatus	
P1642	Germany	2	EDV	12 188 829.3	13-Mar-2008	EP 2 543 924 A2	09-Jan-2013	2543924	04-Nov-2015	13-Mar-2028	Granted	IDEAL Industries Lighting LLC	Shield Member in LED Apparatus	
P1642	Spain		EPC	08004710.3	13-Mar-2008	1988576	05-Nov-2008	1988576	06-Mar-2013	13-Mar-2028	Granted	IDEAL Industries Lighting LLC	Shield Member in LED Apparatus	
P1642	Italy		EPC	08004710.3	13-Mar-2008	1988576	05-Nov-2008	1988576	06-Mar-2013	13-Mar-2028	Granted	IDEAL Industries Lighting LLC	Shield Member in LED Apparatus	
P1642	Belgium		EPC	08004710.3	13-Mar-2008	1988576	05-Nov-2008	1988576	06-Mar-2013	13-Mar-2028	Granted	IDEAL Industries Lighting LLC	Shield Member in LED Apparatus	
P1642	Patent Cooperation Treaty		ORD	PCT/US09/05854	02-May-2008						Inactive	IDEAL Industries Lighting LLC	Shield Member in LED Apparatus	
P1642	United Kingdom		EPC	08004710.3	13-Mar-2008	1988576	05-Nov-2008	1988576	06-Mar-2013	13-Mar-2028	Granted	IDEAL Industries Lighting LLC	Shield Member in LED Apparatus	
P1642	China (People's Republic)	2	DIV	201410594890.3	01-Dec-2014	CN104315419A	26-Jan-2015				Abandoned	IDEAL Industries Lighting LLC	Shield Member in LED Apparatus	
P1642	United States of America	1	ORD	11/743,961	03-May-2007	US-2008-0272380	08-Nov-2008	8,092,042	10-Jan-2012	26-Oct-2030	Granted	IDEAL Industries Lighting LLC	Shield Member in LED Apparatus	
P1642	New Zealand		ORD	588233	26-Feb-2008			588233	12-Nov-2009	26-Feb-2028	Granted	IDEAL Industries Lighting LLC	Shield Member in LED Apparatus	
P1642	Netherlands		EPC	08004710.3	13-Mar-2008	1988576	05-Nov-2008	1988576	06-Mar-2013	13-Mar-2028	Granted	IDEAL Industries Lighting LLC	Shield Member in LED Apparatus	
P1642	Mexico		ORD	MX/A/08/003491	12-Mar-2008			272094	27-Sep-2010	12-Mar-2028	Granted	IDEAL Industries Lighting LLC	Shield Member in LED Apparatus	
P1642	Hong Kong		RDN	10105989.4	15-Jun-2010	HK1140303	30-Sep-2010				Abandoned	IDEAL Industries Lighting LLC	Shield Member in LED Apparatus	
P1642	India		PCT	6757/DELNP/2009	22-Oct-2009	6757/DELNP/2009	18-Jun-2010		02-May-2028		Abandoned	IDEAL Industries Lighting LLC	Shield Member in LED Apparatus	
P1642	France		EPC	08004710.3	13-Mar-2008	1988576	05-Nov-2008	1988576	06-Mar-2013	13-Mar-2028	Granted	IDEAL Industries Lighting LLC	Shield Member in LED Apparatus	
P1643	Japan		PCT	2010507420	04-Nov-2009	2010-528421	26-Jul-2010	5384477	11-Oct-2013	30-Apr-2028	Granted	IDEAL Industries Lighting LLC	Sealing and Thermal Accommodation Arrangement in LED Package/Secondary Lens Structure	
P1643	China (People's Republic)		PCT	200880014732.9	04-Nov-2009	CN101688954A	31-May-2010	ZL200880014732.9	22-May-2013	30-Apr-2028	Granted	IDEAL Industries Lighting LLC	Sealing and Thermal Accommodation Arrangement in LED Package/Secondary Lens Structure	
P1643	India		PCT	8640/DELNP/2009	29-Oct-2009	8640/DELNP/2009	02-Jul-2010	320030	06-Sep-2010	30-Apr-2028	Abandoned	IDEAL Industries Lighting LLC	Sealing and Thermal Accommodation Arrangement in LED Package/Secondary Lens Structure	
P1643	United States of America	1	PRI	11/744,807	04-May-2007	US-2008-0273325	08-Nov-2008	7,976,194	12-Jul-2011	12-Jun-2027	Granted	IDEAL Industries Lighting LLC	Sealing and Thermal Accommodation Arrangement in LED Package/Secondary Lens Structure	

P1643	Australia		PCT	2008/48089	30-Oct-2009			2008/48089	12-Jun-2014	30-Apr-2028	Granted	IDEAL Industries Lighting LLC	Sealing and Thermal Accommodation Arrangement in LED Package/Secondary Lens Structure	
P1643	Brazil		PCT	P10811448.0	04-Nov-2009						Abandoned	IDEAL Industries Lighting LLC	Sealing and Thermal Accommodation Arrangement in LED Package/Secondary Lens Structure	
P1643	Canada		PCT	2,685,915	02-Nov-2009	2685915	13-Nov-2008	2,685,915	04-Mar-2014	30-Apr-2028	Granted	IDEAL Industries Lighting LLC	Sealing and Thermal Accommodation Arrangement in LED Package/Secondary Lens Structure	
P1643	European Patent Convention		PCT	08754212.2	23-Nov-2009						Abandoned	IDEAL Industries Lighting LLC	Sealing and Thermal Accommodation Arrangement in LED Package/Secondary Lens Structure	
P1643	Hong Kong		RDN	10105889.3	09-Jun-2010	HK1138724	24-Sep-2010	HK1138724	21-Feb-2014	30-Apr-2028	Abandoned	IDEAL Industries Lighting LLC	Sealing and Thermal Accommodation Arrangement in LED Package/Secondary Lens Structure	
P1643	Korea, Republic of		PCT	10-2009-7024225	20-Nov-2009			10-1531643	19-Jul-2015	30-Apr-2028	Abandoned	IDEAL Industries Lighting LLC	Sealing and Thermal Accommodation Arrangement in LED Package/Secondary Lens Structure	
P1643	Russian Federation		PCT	2009144978	02-Dec-2009	2009144978	10-Jun-2011	2480889	27-Apr-2012	30-Apr-2028	Abandoned	IDEAL Industries Lighting LLC	Sealing and Thermal Accommodation Arrangement in LED Package/Secondary Lens Structure	
P1643	New Zealand		PCT	580921	03-Nov-2009			580921	11-Dec-2012	30-Apr-2028	Granted	IDEAL Industries Lighting LLC	Sealing and Thermal Accommodation Arrangement in LED Package/Secondary Lens Structure	
P1643	Patent Cooperation Treaty		ORD	PCT/US08/05733	30-Apr-2008						Inactive	IDEAL Industries Lighting LLC	Sealing and Thermal Accommodation Arrangement in LED Package/Secondary Lens Structure	
P1643	Mexico		PCT	MX/2009/011804	30-Oct-2009			290204	15-Sep-2011	30-Apr-2028	Granted	IDEAL Industries Lighting LLC	Sealing and Thermal Accommodation Arrangement in LED Package/Secondary Lens Structure	
P1644	United States of America	1	ORD	11/744,650	04-May-2007	US-2006-0273341	08-Nov-2008	7,473,011	05-Jan-2009	10-Jul-2027	Granted	IDEAL Industries Lighting LLC	Method and Apparatus for Mounting an LED Module to a Heat Sink Assembly	
P1645	Australia		DES	20597/2007	05-Nov-2007			316228	03-Mar-2008	05-Nov-2017	Expired	IDEAL Industries Lighting LLC	Lighting Fixture with Top Mount	
P1645	Canada		DES	123326	05-Nov-2007			123326	20-May-2010	20-May-2016	Expired	IDEAL Industries Lighting LLC	Lighting Fixture with Top Mount	
P1645	Mexico		DES	MX/07/002419	05-Nov-2007			26714	05-Sep-2008	05-Nov-2022	Granted	IDEAL Industries Lighting LLC	Lighting Fixture with Top Mount	
P1645	New Zealand		DES	409684	05-Nov-2007			409684	25-Sep-2008	04-May-2022	Granted	IDEAL Industries Lighting LLC	Lighting Fixture with Top Mount	
P1645	United States of America	1	DES	29279,689	04-May-2007			0574,549	05-Aug-2008	05-Aug-2022	Granted	IDEAL Industries Lighting LLC	Lighting Fixture with Top Mount	
P1645	European Community		DES	000819743	05-Nov-2007			000819743-0002	05-Nov-2007	05-Nov-2032	Granted	IDEAL Industries Lighting LLC	Lighting Fixture with Top Mount	
P1645	United Kingdom		BRD	900819743	05-Nov-2007			900819743-0002	05-Nov-2007	05-Nov-2032	Granted	IDEAL Industries Lighting LLC	Lighting Fixture with Top Mount	
P1648	United States of America	1	DES	29279,695	04-May-2007			0573,298	15-Jul-2008	15-Jul-2022	Granted	IDEAL Industries Lighting LLC	Post Top Mount for Floodlight Fixture	
P1647	Canada		PCT	2,685,918	02-Nov-2009	2,685,918	13-Nov-2008	2,685,918	23-Apr-2012	02-May-2028	Granted	IDEAL Industries Lighting LLC	Multi-LED Light Fixture with Secure Arrangement for LED-Array Wring	
P1647	Australia		PCT	2008/48087	28-Oct-2009			2008/48087	08-Feb-2014	02-May-2028	Granted	IDEAL Industries Lighting LLC	Multi-LED Light Fixture with Secure Arrangement for LED-Array Wring	
P1647	United Kingdom		EFP	08767832.6	02-May-2008	2142848	13-Jan-2010	2142848	08-Aug-2014	02-May-2028	Granted	IDEAL Industries Lighting LLC	Multi-LED Light Fixture with Secure Arrangement for LED-Array Wring	
P1647	Hong Kong		RDN	10105250.2	28-May-2010	HK1130450	17-Sep-2010	HK1130450	18-Nov-2012	02-May-2028	Abandoned	IDEAL Industries Lighting LLC	Multi-LED Light Fixture with Secure Arrangement for LED-Array Wring	
P1647	European Patent Convention		PCT	08767832.6	28-Oct-2009	2142848	13-Jan-2010	2142848	08-Aug-2014	02-May-2028	Granted	IDEAL Industries Lighting LLC	Multi-LED Light Fixture with Secure Arrangement for LED-Array Wring	AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; U; LT; LU; LV; MC; MT; NL; NO; PL; PT; RO; SE; SI; SK; TR
P1647	Germany		EFP	08767832.6	02-May-2008	2142848	13-Jan-2010	2142848	08-Aug-2014	02-May-2028	Granted	IDEAL Industries Lighting LLC	Multi-LED Light Fixture with Secure Arrangement for LED-Array Wring	
P1647	China (People's Republic)		PCT	2008/0014714.0	04-Nov-2009	CN10168362A	24-Mar-2010	2120080014714.0	01-Feb-2012	02-May-2028	Granted	IDEAL Industries Lighting LLC	Multi-LED Light Fixture with Secure Arrangement for LED-Array Wring	
P1647	India		PCT	6098/DELNP/2009	28-Oct-2009	6098/DELNP/2009	18-Jun-2010	308849	08-Mar-2010	02-May-2028	Abandoned	IDEAL Industries Lighting LLC	Multi-LED Light Fixture with Secure Arrangement for LED-Array Wring	
P1647	Japan		PCT	2010-507443	04-Nov-2009	2010-509422	29-Jul-2010	5384478	11-Oct-2012	02-May-2028	Granted	IDEAL Industries Lighting LLC	Multi-LED Light Fixture with Secure Arrangement for LED-Array Wring	
P1647	France		EFP	08767832.6	02-May-2008	2142848	13-Jan-2010	2142848	08-Aug-2014	02-May-2028	Granted	IDEAL Industries Lighting LLC	Multi-LED Light Fixture with Secure Arrangement for LED-Array Wring	
P1647	Mexico		PCT	MX/2009/011864	28-Oct-2009			281499	29-Nov-2010	02-May-2028	Granted	IDEAL Industries Lighting LLC	Multi-LED Light Fixture with Secure Arrangement for LED-Array Wring	
P1647	Netherlands		EFP	08767832.6	02-May-2008	2142848	13-Jan-2010	2142848	08-Aug-2014	02-May-2028	Granted	IDEAL Industries Lighting LLC	Multi-LED Light Fixture with Secure Arrangement for LED-Array Wring	
P1647	New Zealand		PCT	581013	09-Nov-2009	581013	28-Sep-2012	581013	04-Jan-2013	02-May-2028	Granted	IDEAL Industries Lighting LLC	Multi-LED Light Fixture with Secure Arrangement for LED-Array Wring	
P1647	Russian Federation		PCT	2009144995	02-Dec-2009	2009144995	10-Jun-2011	2473006	20-Jan-2012	02-May-2028	Abandoned	IDEAL Industries Lighting LLC	Multi-LED Light Fixture with Secure Arrangement for LED-Array Wring	
P1647	United States of America	1	ORD	11/744,750	04-May-2007	US-2006-0273326	08-Nov-2008	7,566,147	20-Jul-2009	04-May-2027	Granted	IDEAL Industries Lighting LLC	Multi-LED Light Fixture with Secure Arrangement for LED-Array Wring	
P1647	Patent Cooperation Treaty		ORD	PCT/US08/005653	02-May-2008						Inactive	IDEAL Industries Lighting LLC	Multi-LED Light Fixture with Secure Arrangement for LED-Array Wring	
P1647	Italy		EFP	08767832.6	02-May-2008	2142848	13-Jan-2010	2142848	08-Aug-2014	02-May-2028	Granted	IDEAL Industries Lighting LLC	Multi-LED Light Fixture with Secure Arrangement for LED-Array Wring	
P1647	Korea, Republic of		PCT	10-2009-7033926	17-Nov-2009			10-1491309	09-Nov-2014	02-May-2028	Granted	IDEAL Industries Lighting LLC	Multi-LED Light Fixture with Secure Arrangement for LED-Array Wring	
P1647	Brazil		PCT	P110810915.0	29-Oct-2009						Abandoned	IDEAL Industries Lighting LLC	Multi-LED Light Fixture with Secure Arrangement for LED-Array Wring	
P1648	United States of America	1	DES	29279,684	04-May-2007			0570,535	03-Jun-2008	03-Jun-2022	Granted	IDEAL Industries Lighting LLC	Adjustable Tension Mount for Lighting Fixture	
P1649	India		PCT	6093/DELNP/2009	19-Oct-2009						Abandoned	IDEAL Industries Lighting LLC	LED Light Fixture with Uninterruptible Power Supply	
P1649	United Kingdom		EFP	08794331.2	02-May-2008	2149009	03-Feb-2010	2149009	18-Jul-2012	02-May-2028	Granted	IDEAL Industries Lighting LLC	LED Light Fixture with Uninterruptible Power Supply	
P1649	Canada		PCT	2,685,323	28-Oct-2009	2685323	28-Nov-2008	2,685,323	27-Jan-2015	02-May-2028	Granted	IDEAL Industries Lighting LLC	LED Light Fixture with Uninterruptible Power Supply	
P1649	Australia		PCT	2008/25197	15-Oct-2009			2008/25197	24-Dec-2013	02-May-2028	Granted	IDEAL Industries Lighting LLC	LED Light Fixture with Uninterruptible Power Supply	
P1649	Germany		EFP	08794331.2	02-May-2008	2149009	03-Feb-2010	2149009	18-Jul-2012	02-May-2028	Granted	IDEAL Industries Lighting LLC	LED Light Fixture with Uninterruptible Power Supply	
P1649	European Patent Convention		PCT	08794331.2	23-Nov-2009	2149009	03-Feb-2010	2149009	18-Jul-2012	02-May-2028	Granted	IDEAL Industries Lighting LLC	LED Light Fixture with Uninterruptible Power Supply	AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; U; LT; LU; LV; MC; MT; NL; NO; PL; PT; RO; SE; SI; SK; TR
P1649	Spain		EFP	08794331.2	02-May-2008	2149009	03-Feb-2010	2149009	18-Jul-2012	02-May-2028	Granted	IDEAL Industries Lighting LLC	LED Light Fixture with Uninterruptible Power Supply	
P1649	Italy		EFP	08794331.2	02-May-2008	2149009	03-Feb-2010	2149009	18-Jul-2012	02-May-2028	Granted	IDEAL Industries Lighting LLC	LED Light Fixture with Uninterruptible Power Supply	
P1649	Mexico		PCT	MX/2009/011557	28-Oct-2009			285405	04-Apr-2011	02-May-2028	Granted	IDEAL Industries Lighting LLC	LED Light Fixture with Uninterruptible Power Supply	

P1649	Netherlands		EPP	08794331.2	02-Jul-2008	2149009	03-Feb-2010	2149009	18-Jul-2012	02-May-2028	Granted	IDEAL Industries Lighting LLC	LED Light Fixture with Uninterruptible Power Supply	
P1649	United States of America	1	ORD	11/744,702	04-May-2007	US-2008-0202192	03-Apr-2008	7,771,087	10-Aug-2010	09-Nov-2028	Granted	IDEAL Industries Lighting LLC	LED Light Fixture with Uninterruptible Power Supply	
P1649	Patent Cooperation Treaty		ORD	PCT/US08/005855	02-May-2008						Inactive	IDEAL Industries Lighting LLC	LED Light Fixture with Uninterruptible Power Supply	
P1649	New Zealand		PCT	580307	09-Oct-2009	580307	26-Oct-2012	580307	29-Jan-2013	02-May-2028	Granted	IDEAL Industries Lighting LLC	LED Light Fixture with Uninterruptible Power Supply	
P1649	France		EPP	08794331.2	02-May-2008	2149009	03-Feb-2010	2149009	18-Jul-2012	02-May-2028	Granted	IDEAL Industries Lighting LLC	LED Light Fixture with Uninterruptible Power Supply	
P1650	Patent Cooperation Treaty		ORD	PCT/US09/05750	05-May-2009						Abandoned	IDEAL Industries Lighting LLC	Toggle Mount Assembly	
P1650	United States of America	1	ORD	11/745,447	07-May-2007	US-2008-0278953	13-Nov-2008				Abandoned	IDEAL Industries Lighting LLC	Toggle Mount Assembly	
P1651	United Kingdom		EPP	07795212.5	23-May-2007	2147247	27-Jan-2010	2147247	07-Nov-2012	23-May-2027	Granted	IDEAL Industries Lighting LLC	Luminaire with a Compound Parabolic Reflector	
P1651	Italy		EPP	07795212.5	23-May-2007	2147247	27-Jan-2010	2147247	07-Nov-2012	23-May-2027	Granted	IDEAL Industries Lighting LLC	Luminaire with a Compound Parabolic Reflector	
P1651	Australia		PCT	2007354873	20-Oct-2009			2007354873	15-Aug-2013	23-May-2027	Granted	IDEAL Industries Lighting LLC	Luminaire with a Compound Parabolic Reflector	
P1651	Canada		PCT	2,688,071	18-Nov-2009	2688071	11-Dec-2008	2,688,071	22-Apr-2014	23-May-2027	Granted	IDEAL Industries Lighting LLC	Luminaire with a Compound Parabolic Reflector	
P1651	Germany		EPP	07795212.5	23-May-2007	2147247	27-Jan-2010	60 2007 028 574	07-Nov-2012	23-May-2027	Granted	IDEAL Industries Lighting LLC	Luminaire with a Compound Parabolic Reflector	
P1651	Spain		EPP	07795212.5	23-May-2007	2147247	27-Jan-2010	2147247	07-Nov-2012	23-May-2027	Granted	IDEAL Industries Lighting LLC	Luminaire with a Compound Parabolic Reflector	
P1651	Netherlands		EPP	07795212.5	23-May-2007	2147247	27-Jan-2010	2147247	07-Nov-2012	23-May-2027	Granted	IDEAL Industries Lighting LLC	Luminaire with a Compound Parabolic Reflector	
P1651	New Zealand		PCT	581126	12-Nov-2009			581126	05-Dec-2011	23-May-2027	Granted	IDEAL Industries Lighting LLC	Luminaire with a Compound Parabolic Reflector	
P1651	United States of America	1	ORD	11/752,857	23-May-2007	US-2008-0278953	27-Nov-2008	7,591,597	22-Sep-2008	23-May-2027	Granted	IDEAL Industries Lighting LLC	Luminaire with a Compound Parabolic Reflector	
P1651	Patent Cooperation Treaty		ORD	PCT/US07/12256	23-May-2007						Inactive	IDEAL Industries Lighting LLC	Luminaire with a Compound Parabolic Reflector	
P1651	France		EPP	07795212.5	23-May-2007	2147247	27-Jan-2010	2147247	07-Nov-2012	23-May-2027	Granted	IDEAL Industries Lighting LLC	Luminaire with a Compound Parabolic Reflector	
P1651	European Patent Convention		PCT	07795212.5	27-Oct-2009	2147247	27-Jan-2010	2147247	07-Nov-2012	23-May-2027	Granted	IDEAL Industries Lighting LLC	Luminaire with a Compound Parabolic Reflector	AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LI; LU; LV; MC; MT; NL; NO; PL; PT; RO; SE; SI; SK; TR
P1652	Netherlands		EPP	08754230.4	02-May-2008	2149008	03-Feb-2010	2149008	08-Mar-2013	02-May-2028	Granted	IDEAL Industries Lighting LLC	Safety Accommodation Arrangement in LED Package/Lens Structure	
P1652	Spain		EPP	08754230.4	02-May-2008	2149008	03-Feb-2010	2149008	08-Mar-2013	02-May-2028	Granted	IDEAL Industries Lighting LLC	Safety Accommodation Arrangement in LED Package/Lens Structure	
P1652	France		EPP	08754230.4	02-May-2008	2149008	03-Feb-2010	2149008	08-Mar-2013	02-May-2028	Granted	IDEAL Industries Lighting LLC	Safety Accommodation Arrangement in LED Package/Lens Structure	
P1652	Australia		PCT	2008240809	30-Oct-2009			2008240809	01-May-2014	02-May-2028	Granted	IDEAL Industries Lighting LLC	Safety Accommodation Arrangement in LED Package/Lens Structure	
P1652	Brazil		PCT	PI0811472-2	03-Nov-2009			PI0811472	04-Jun-2010	04-Jun-2029	Abandoned	IDEAL Industries Lighting LLC	Safety Accommodation Arrangement in LED Package/Lens Structure	
P1652	Canada		PCT	2,685,925	02-Nov-2009	2685925	13-Nov-2008	2,685,925	28-Jan-2016	02-May-2028	Granted	IDEAL Industries Lighting LLC	Safety Accommodation Arrangement in LED Package/Lens Structure	
P1652	United Kingdom		EPP	08754230.4	02-May-2008	2149008	03-Feb-2010	2149008	08-Mar-2013	02-May-2028	Granted	IDEAL Industries Lighting LLC	Safety Accommodation Arrangement in LED Package/Lens Structure	
P1652	China (People's Republic)		PCT	20080014830.2	04-Nov-2009	101680855	31-Mar-2010	ZL20080014830.2	04-Jan-2012	02-May-2028	Granted	IDEAL Industries Lighting LLC	Safety Accommodation Arrangement in LED Package/Lens Structure	
P1652	Germany		EPP	08754230.4	02-May-2008	2149008	03-Feb-2010	2149008	08-Mar-2013	02-May-2028	Granted	IDEAL Industries Lighting LLC	Safety Accommodation Arrangement in LED Package/Lens Structure	
P1652	India		PCT	0949CE/INP/2009	29-Oct-2009	8949CE/INP/2009	02-Jul-2010	289916	24-Nov-2017	02-May-2028	Abandoned	IDEAL Industries Lighting LLC	Safety Accommodation Arrangement in LED Package/Lens Structure	
P1652	European Patent Convention		PCT	08754230.4	23-Nov-2009	2149008	03-Feb-2010	2149008	08-Mar-2013	02-May-2028	Granted	IDEAL Industries Lighting LLC	Safety Accommodation Arrangement in LED Package/Lens Structure	AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LI; LU; LV; MC; MT; NL; NO; PL; PT; RO; SE; SI; SK; TR
P1652	Mexico		PCT	MX/2009/011892	20-Oct-2009			293084	13-Oct-2011	02-May-2028	Granted	IDEAL Industries Lighting LLC	Safety Accommodation Arrangement in LED Package/Lens Structure	
P1652	New Zealand		PCT	580923	03-Nov-2009			580923	11-Dec-2012	02-May-2028	Granted	IDEAL Industries Lighting LLC	Safety Accommodation Arrangement in LED Package/Lens Structure	
P1652	United States of America	1	CIP	11/774,422	06-Jul-2007	US-2008-0273227	08-Nov-2008	7,938,558	10-May-2011	14-Nov-2028	Granted	IDEAL Industries Lighting LLC	Safety Accommodation Arrangement in LED Package/Lens Structure	
P1652	Hong Kong		RDN	11010874.9	13-Jul-2010	HK11405338	15-Oct-2010	HK11405338	19-Oct-2012	02-May-2028	Abandoned	IDEAL Industries Lighting LLC	Safety Accommodation Arrangement in LED Package/Lens Structure	
P1652	Patent Cooperation Treaty		ORD	PCT/US09/05857	02-May-2009						Inactive	IDEAL Industries Lighting LLC	Safety Accommodation Arrangement in LED Package/Lens Structure	
P1652	Italy		EPP	08754230.4	02-May-2008	2149008	03-Feb-2010	2149008	08-Mar-2013	02-May-2028	Granted	IDEAL Industries Lighting LLC	Safety Accommodation Arrangement in LED Package/Lens Structure	
P1653	United States of America	2	ODN	13491,123	07-Jun-2012	US 2013/0141883 A1	08-Jun-2013	8,832,188	21-Jan-2014	27-Aug-2028	Granted	IDEAL Industries Lighting LLC	Flexible LED Lighting Systems, Fixtures and Methods of Installation	
P1653	European Patent Convention	2	DIV	1315889.5	11-Mar-2013	EP 2 631 531 A2	28-Aug-2013	2631531	11-May-2016	25-Mar-2029	Granted	IDEAL Industries Lighting LLC	Flexible LED Lighting Systems, Fixtures and Methods of Installation	AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LI; LU; LV; MC; MT; NL; NO; PL; PT; RO; SE; SI; SK; TR
P1653	Germany		EPC	09158208.6	25-Mar-2009	2233824	29-Sep-2010	2233824	22-Jul-2015	25-Mar-2029	Granted	IDEAL Industries Lighting LLC	Flexible LED Lighting Systems, Fixtures and Methods of Installation	
P1653	United States of America	1	ORD	12175,600	18-Jul-2008	US-2009-0086487	02-Apr-2009	8,197,079	12-Jun-2012	04-Feb-2031	Granted	IDEAL Industries Lighting LLC	Flexible LED Lighting Systems, Fixtures and Methods of Installation	
P1653	Germany	2	EOV	1315889.5	11-Mar-2013	EP 2 631 531 A2	28-Aug-2013	2631531	11-May-2016	25-Mar-2029	Granted	IDEAL Industries Lighting LLC	Flexible LED Lighting Systems, Fixtures and Methods of Installation	
P1653	European Patent Convention		ORD	09158208.6	25-Mar-2009	2233824	29-Sep-2010	2233824	22-Jul-2015	25-Mar-2029	Granted	IDEAL Industries Lighting LLC	Flexible LED Lighting Systems, Fixtures and Methods of Installation	AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LI; LU; LV; MC; MT; NL; NO; PL; PT; RO; SE; SI; SK; TR
P1654	Australia		PCT	2008305750	17-Mar-2010			2008305750	18-Dec-2014	02-May-2028	Granted	IDEAL Industries Lighting LLC	Light Fixture Support System	
P1654	United Kingdom		EPP	08754229.6	02-May-2008	2193309	08-Jun-2010	2193309	18-Jul-2012	02-May-2028	Granted	IDEAL Industries Lighting LLC	Light Fixture Support System	
P1654	Spain		EPP	08754229.6	02-May-2008	2193309	08-Jun-2010	2193309	18-Jul-2012	02-May-2028	Granted	IDEAL Industries Lighting LLC	Light Fixture Support System	
P1654	Canada		PCT	2700556	24-Mar-2010	2700595	02-Apr-2009	2700556	27-Jan-2015	02-May-2028	Granted	IDEAL Industries Lighting LLC	Light Fixture Support System	
P1654	Germany		EPP	08754229.6	02-May-2008	2193309	08-Jun-2010	2193309	18-Jul-2012	02-May-2028	Granted	IDEAL Industries Lighting LLC	Light Fixture Support System	
P1654	European Patent Convention		PCT	08754229.6	18-Mar-2010	2193309	08-Jun-2010	2193309	18-Jul-2012	02-May-2028	Granted	IDEAL Industries Lighting LLC	Light Fixture Support System	AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LI; LU; LV; MC; MT; NL; NO; PL; PT; RO; SE; SI; SK; TR

P1654	Mexico		PCT									268875	01-Aug-2011			Abandoned	IDEAL Industries Lighting LLC	Light Fixture Support System				
P1654	Netherlands		EPP									2193309	09-Jun-2010	2193309	18-Jul-2012	02-May-2028	Granted	IDEAL Industries Lighting LLC	Light Fixture Support System			
P1654	New Zealand		PCT									584270	26-Mar-2010	584270	25-Jan-2013	02-May-2028	Granted	IDEAL Industries Lighting LLC	Light Fixture Support System			
P1654	United States of America	1	ORD									11784_300	28-Sep-2007	US-2009-0086490	02-Apr-2009	29-Dec-2009	30-Jan-2028	Granted	IDEAL Industries Lighting LLC	Light Fixture Support System		
P1654	France		EPP									08754229.8	02-May-2008	2193309	09-Jun-2010	2193309	18-Jul-2012	02-May-2028	Granted	IDEAL Industries Lighting LLC	Light Fixture Support System	
P1654	Patent Cooperation Treaty		ORD									PCT/US09/05850	02-May-2008					Inactive	IDEAL Industries Lighting LLC	Light Fixture Support System		
P1654	Italy		EPP									08754229.8	02-May-2008	2193309	09-Jun-2010	2193309	18-Jul-2012	02-May-2028	Granted	IDEAL Industries Lighting LLC	Light Fixture Support System	
P1655	Australia	2	DIV									201221657	31-Aug-2012	201221657	25-Sep-2014	29-Sep-2027	Granted	IDEAL Industries Lighting LLC	Aerodynamic LED Floodlight Fixture			
P1655	Australia		PCT									200830575	17-Feb-2010	200830575	13-Sep-2012	10-Jul-2028	Granted	IDEAL Industries Lighting LLC	Aerodynamic LED Floodlight Fixture			
P1655	Germany		EPP									08780081.9	10-Jul-2008	2193516	09-Jun-2010	2193516	19-Oct-2016	10-Jul-2028	Granted	IDEAL Industries Lighting LLC	Aerodynamic LED Floodlight Fixture	
P1655	Mexico		PCT									MX/2010-00252	05-Mar-2010					Granted	IDEAL Industries Lighting LLC	Aerodynamic LED Floodlight Fixture		
P1655	United States of America	1	ORD									11784_268	28-Sep-2007	2009-0086491	02-Apr-2009				Abandoned	IDEAL Industries Lighting LLC	Aerodynamic LED Floodlight Fixture	
P1655	United States of America	2	QDN									139031500	03-Jun-2013	20140753242	05-Jun-2014	9,541,248	10-Jan-2017	18-Jun-2028	Granted	IDEAL Industries Lighting LLC	Aerodynamic LED Floodlight Fixture	
P1655	Canada		PCT									2,700,437	22-Mar-2010						Abandoned	IDEAL Industries Lighting LLC	Aerodynamic LED Floodlight Fixture	
P1655	Patent Cooperation Treaty		ORD									PCT/US09/06450	10-Jul-2008						Inactive	IDEAL Industries Lighting LLC	Aerodynamic LED Floodlight Fixture	
P1655	European Patent Convention		PCT									08780081.9	25-Feb-2010	2193516	09-Jun-2010	2193516	19-Oct-2016	10-Jul-2028	Granted	IDEAL Industries Lighting LLC	Aerodynamic LED Floodlight Fixture	AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; U; LT; LU; LV; MC; MT; NL; NO; PL; PT; RO; SE; SI; SK; TR
P1655	New Zealand		PCT									583684	11-Feb-2010						Granted	IDEAL Industries Lighting LLC	Aerodynamic LED Floodlight Fixture	
P1656	New Zealand		DES									410810	27-Mar-2008						Granted	IDEAL Industries Lighting LLC	Round Floodlight Fixture	
P1656	India		DES									216022	08-May-2008						Granted	IDEAL Industries Lighting LLC	Round Floodlight Fixture	
P1656	European Community		DES									00069482-0001	31-Mar-2008						Granted	IDEAL Industries Lighting LLC	Round Floodlight Fixture	
P1656	Australia		DES									116542008	18-Apr-2008						Expired	IDEAL Industries Lighting LLC	Round Floodlight Fixture	
P1656	United States of America	1	DES									29297_239	07-Nov-2007						Granted	IDEAL Industries Lighting LLC	Round Floodlight Fixture	
P1656	Mexico		DES									02008/001040	02-May-2008						Granted	IDEAL Industries Lighting LLC	Round Floodlight Fixture	
P1656	Canada		DES									125305	28-Mar-2008						Expired	IDEAL Industries Lighting LLC	Round Floodlight Fixture	
P1656	China (People's Republic)		DES									200830119835.9	07-May-2008						Expired	IDEAL Industries Lighting LLC	Round Floodlight Fixture	
P1656	United Kingdom		RPD									900309482-0001	31-Mar-2008						Granted	IDEAL Industries Lighting LLC	Round Floodlight Fixture	
P1657	United States of America	1	ORD									11941_604	18-Nov-2007	US-2009-0126071	21-May-2009	7,914,178	28-Mar-2011	21-Jun-2029	Granted	IDEAL Industries Lighting LLC	Linear Light Fixture	
P1658	United States of America	1	OP									11963_052	21-Dec-2007	US-2009-0086472	02-Apr-2009	7,790,670	21-Sep-2010	02-Dec-2028	Granted	IDEAL Industries Lighting LLC	Power Supply Mounting Apparatus for Lighting Fixture	
P1659	Canada		DES									128162	26-Sep-2008						Expired	IDEAL Industries Lighting LLC	POST TOP MOUNT FOR A FLOODLIGHT FIXTURE	
P1659	Mexico		DES									MX/2008/002428	28-Sep-2008						Granted	IDEAL Industries Lighting LLC	POST TOP MOUNT FOR A FLOODLIGHT FIXTURE	
P1659	Australia		DES									140392008	29-Sep-2008						Expired	IDEAL Industries Lighting LLC	POST TOP MOUNT FOR A FLOODLIGHT FIXTURE	
P1659	Australia	2	DES									140392008	29-Sep-2008						Expired	IDEAL Industries Lighting LLC	POST TOP MOUNT FOR A FLOODLIGHT FIXTURE	
P1659	New Zealand		DES									411468	28-Sep-2008						Granted	IDEAL Industries Lighting LLC	POST TOP MOUNT FOR A FLOODLIGHT FIXTURE	
P1659	New Zealand	2	DIV									412727	25-Sep-2009						Granted	IDEAL Industries Lighting LLC	POST TOP MOUNT FOR A FLOODLIGHT FIXTURE	
P1659	United States of America	1	DES									29305_817	28-Mar-2008						Granted	IDEAL Industries Lighting LLC	POST TOP MOUNT FOR A FLOODLIGHT FIXTURE	
P1659	European Community	1	DES									001009757	28-Sep-2008						Granted	IDEAL Industries Lighting LLC	POST TOP MOUNT FOR A FLOODLIGHT FIXTURE	
P1659	European Community	2	DES									001009757-0002	28-Sep-2008						Granted	IDEAL Industries Lighting LLC	POST TOP MOUNT FOR A FLOODLIGHT FIXTURE	
P1659	United Kingdom	1	RPD									90010097570001	28-Sep-2008						Granted	IDEAL Industries Lighting LLC	POST TOP MOUNT FOR A FLOODLIGHT FIXTURE	
P1659	United Kingdom	2	RPD									90010097570002	28-Sep-2008						Granted	IDEAL Industries Lighting LLC	POST TOP MOUNT FOR A FLOODLIGHT FIXTURE	
P1660	United States of America	1	ORD									09284_094	21-Apr-1988						Expired	IDEAL Industries Lighting LLC	Flooding	
P1661	United States of America	1	DES									29305_818	28-Mar-2008						Granted	IDEAL Industries Lighting LLC	Post Top Mount with Floodlight Fixture	
P1662	European Community		DES									001014526	08-Oct-2008						Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1662	Australia		DES									147752008	03-Oct-2008						Expired	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1662	European Community	1-2	DES									001014526-0002	08-Oct-2008						Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1662	New Zealand		DES									411479	03-Oct-2008						Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1662	United States of America	1	DES									29308_248	04-Apr-2008						Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1662	Mexico		DES									MX/2008/002528	03-Oct-2008						Abandoned	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1662	Canada		DES									128133	08-Mar-2012						Expired	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	

P1682	United Kingdom		RFD	90010145260001	08-Oct-2008			90010145260001	08-Oct-2008	08-Oct-2003	Granted	IDEAL Industries Lighting LLC		LIGHTING FIXTURE	
P1682	United Kingdom	2	RFD	90010145260002	08-Oct-2008			90010145260002	08-Oct-2008	08-Oct-2003	Granted	IDEAL Industries Lighting LLC		LIGHTING FIXTURE	
P1683	Korea, Republic of		PCT	10-2010-7024983	03-Nov-2010			10-1680774	23-Nov-2010	03-Apr-2029	Granted	IDEAL Industries Lighting LLC		LED Light Fixture	
P1683	India		PCT	7013/DELNP/2010	04-Oct-2010					03-Apr-2029	Abandoned	IDEAL Industries Lighting LLC		LED Light Fixture	
P1683	Hong Kong		RDN	11107324.9	14-Jul-2011	1153177	23-Mar-2012				Abandoned	IDEAL Industries Lighting LLC		LED Lighting Fixture	
P1683	European Patent Convention		PCT	09720734.8	28-Oct-2010	2265464	29-Dec-2010	2265464	01-Jun-2016	03-Apr-2029	Granted	IDEAL Industries Lighting LLC		LED Lighting Fixture	AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; SE; SI; SK; TR
P1683	Germany		EPP	09720734.8	03-Apr-2009	2265464	29-Dec-2010	2265464	01-Jun-2016	03-Apr-2029	Granted	IDEAL Industries Lighting LLC		LED Lighting Fixture	
P1683	Canada		PCT	2,720,313	01-Oct-2010	2720313	08-Oct-2009	2,720,313	08-Nov-2010	03-Apr-2029	Granted	IDEAL Industries Lighting LLC		LED Lighting Fixture	
P1683	China (People's Republic)		PCT	200900118971.3	30-Oct-2010	CN102046421A	04-May-2011	ZL200900118971.3	19-Nov-2014	03-Apr-2029	Granted	IDEAL Industries Lighting LLC		LED Lighting Fixture	
P1683	United States of America	5	ODN	14718.359	22-May-2015	2015-0252969	10-Sep-2015	9,261,271	16-Feb-2016	03-Apr-2029	Granted	IDEAL Industries Lighting LLC		LED Light Fixture	
P1683	Brazil		PCT	P10910902-5	01-Oct-2010			P10910992	28-May-2010	28-May-2029	Abandoned	IDEAL Industries Lighting LLC		LED Lighting Fixture	
P1683	Australia	2	PCT	20130204876	12-Apr-2013			20130204876	30-Jun-2016	03-Apr-2029	Granted	IDEAL Industries Lighting LLC		LED Lighting Fixture	
P1683	Patent Cooperation Treaty		OPD	PCT/US99/02110	03-Apr-2009						Inactive	IDEAL Industries Lighting LLC		LED Light Fixture	
P1683	Australia		PCT	2009023243	07-Oct-2010			2009023243	04-Dec-2014	03-Apr-2029	Granted	IDEAL Industries Lighting LLC		LED Lighting Fixture	
P1683	China (People's Republic)	2	DIV	201410543018.5	15-Oct-2014	CN104275476A	14-Jan-2015	ZL201410543018.5	21-Sep-2016	03-Apr-2029	Granted	IDEAL Industries Lighting LLC		LED Lighting Fixture	
P1683	United States of America	3	ODN	13/081,461	19-Nov-2012	20130077911A1	28-Mar-2013	8,922,584	07-Jan-2014	03-Apr-2029	Granted	IDEAL Industries Lighting LLC		LED Light Fixture	
P1683	United States of America	4	ODN	14/067,571	22-Nov-2013	20140078740	20-Mar-2014	9,039,241	26-May-2015	04-Apr-2029	Granted	IDEAL Industries Lighting LLC		LED Light Fixture	
P1683	United States of America	2	ODN	13/233,198	21-Dec-2011	20120176790	12-Jul-2012	8,313,222	20-Nov-2012	03-Apr-2029	Granted	IDEAL Industries Lighting LLC		LED Light Fixture	
P1683	United States of America	1	OPD	12/418,364	03-Apr-2009	20090251890	08-Oct-2009	8,062,049	10-Jan-2012	13-Jul-2020	Granted	IDEAL Industries Lighting LLC		LED Light Fixture	
P1683	United States of America	0	PRO	61/042,660	04-Apr-2003						Inactive	IDEAL Industries Lighting LLC		LED Light Fixture	
P1683	New Zealand	3	DIV	610395	24-May-2013	610395	26-Jul-2013	610395	30-Oct-2013	03-Apr-2029	Granted	IDEAL Industries Lighting LLC		LED Light Fixture	
P1683	New Zealand	2	DIV	610393	24-May-2013	610393	26-Jul-2013	610393	30-Oct-2013	03-Apr-2029	Granted	IDEAL Industries Lighting LLC		LED Light Fixture	
P1683	New Zealand		PCT	580390	04-Oct-2010	580390	28-Jul-2013	580390	30-Oct-2013	03-Apr-2029	Granted	IDEAL Industries Lighting LLC		LED Light Fixture	
P1683	Mexico		PCT	MX/A/10/010792	30-Sep-2010			297408	23-Mar-2012	03-Apr-2029	Granted	IDEAL Industries Lighting LLC		LED Light Fixture	
P1684	United States of America	1	OPD	12/107,138	22-Apr-2009	US-2009-0282532	22-Oct-2009	7,837,830	29-Dec-2009	25-Apr-2028	Granted	IDEAL Industries Lighting LLC		Integrated Shield-Gasket Member in LED Apparatus	
P1685	United States of America	1	DES	29/317,521	30-Apr-2008			0617,525	15-Jun-2010	15-Jun-2024	Granted	IDEAL Industries Lighting LLC		Lighting Fixture	
P1686	Australia		DES	154092008	17-Nov-2008			323721	09-Jan-2009	17-Nov-2018	Expired	IDEAL Industries Lighting LLC		Lighting Fixture	
P1686	European Community	1	DES	001039770	17-Nov-2008			001039770-0001	17-Nov-2008	17-Nov-2033	Granted	IDEAL Industries Lighting LLC		Lighting Fixture	
P1686	Canada		DES	128995	14-Nov-2008			128995	31-Dec-2010	31-Dec-2020	Expired	IDEAL Industries Lighting LLC		Lighting Fixture	
P1686	Australia	2	DES	154072008	17-Nov-2008			323722	09-Jan-2009	17-Nov-2018	Expired	IDEAL Industries Lighting LLC		Lighting Fixture	
P1686	European Community	1-2	DES	001039770	17-Nov-2008			001039770-0002	17-Nov-2008	17-Nov-2033	Granted	IDEAL Industries Lighting LLC		Lighting Fixture	
P1686	New Zealand		DES	411811	14-Nov-2008			411811	18-Nov-2009	15-May-2023	Granted	IDEAL Industries Lighting LLC		Lighting Fixture	
P1686	Mexico		DES	2008/002824	14-Nov-2008			28883	30-Jul-2009	14-Nov-2023	Abandoned	IDEAL Industries Lighting LLC		Lighting Fixture	
P1686	United States of America	1	DES	29/318,242	15-May-2008			1260,343	12-May-2010	12-May-2023	Granted	IDEAL Industries Lighting LLC		Lighting Fixture	
P1686	United Kingdom	1	RFD	90010397700001	17-Nov-2008			90010397700001	17-Nov-2008	17-Nov-2033	Granted	IDEAL Industries Lighting LLC		Lighting Fixture	
P1686	United Kingdom	2	RFD	90010397700002	17-Nov-2008			90010397700002	17-Nov-2008	17-Nov-2033	Granted	IDEAL Industries Lighting LLC		Lighting Fixture	
P1687	United States of America	1	DES	763,076	20-Sep-1991						Abandoned	IDEAL Industries Lighting LLC		Improved Ballast Luminaire (Design)	
P1688	European Patent Convention	2	DIV	15175640.0	22-May-2015						Abandoned	IDEAL Industries Lighting LLC		Recessed LED Lighting Fixture	
P1688	Hong Kong		RDN	11109088.7	29-Aug-2011	HK1154929	04-May-2012				Abandoned	IDEAL Industries Lighting LLC		Recessed LED Lighting Fixture	
P1688	Australia		PCT	2009049557	30-Nov-2010			2009049557	05-Jun-2014	22-May-2029	Granted	IDEAL Industries Lighting LLC		Recessed LED Lighting Fixture	
P1688	Brazil		PCT	P10912696-0	22-Nov-2010						Abandoned	IDEAL Industries Lighting LLC		Recessed LED Lighting Fixture	
P1688	China (People's Republic)		PCT	20090127057.5	12-Jan-2011	CN102088574A	08-Jun-2011			22-May-2029	Abandoned	IDEAL Industries Lighting LLC		Recessed LED Lighting Fixture	
P1688	China (People's Republic)	2	DIV	201410042462.X	29-Jan-2014	CN103759178A	30-Apr-2014				Abandoned	IDEAL Industries Lighting LLC		Recessed LED Lighting Fixture	
P1688	European Patent Convention		PCT	09751007.7	10-Dec-2010	2206142	23-Feb-2011	2286142	29-Jul-2015	22-May-2029	Granted	IDEAL Industries Lighting LLC		Recessed LED Lighting Fixture	AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; SE; SI; SK; TR
P1688	Mexico		PCT	MX/2010/012763	22-Nov-2010			296551	25-May-2012	22-May-2029	Granted	IDEAL Industries Lighting LLC		Recessed LED Lighting Fixture	
P1688	Patent Cooperation Treaty		OPD	PCT/US99/03198	22-May-2009						Inactive	IDEAL Industries Lighting LLC		Recessed LED Lighting Fixture	
P1688	New Zealand		PCT	580404	23-Nov-2010			580404	01-Oct-2013	22-May-2029	Granted	IDEAL Industries Lighting LLC		Recessed LED Lighting Fixture	
P1688	Canada		PCT	2,725,269	22-Nov-2010						Abandoned	IDEAL Industries Lighting LLC		Recessed LED Lighting Fixture	

P1688	United States of America	0	PRD	81/055,568	23 May 2008						Inactive	IDEAL Industries Lighting LLC	Recessed LED Lighting Fixture	
P1688	United States of America	1	ORD	12471,881	26 May 2009	US-2009-0200391	26 Nov 2009	8,132,944	13 Mar 2012	05 May 2020	Granted	IDEAL Industries Lighting LLC	Recessed LED Lighting Fixture	
P1688	India		PCT	8293/DELNP2010	23 Nov 2010						Abandoned	IDEAL Industries Lighting LLC	Recessed LED Lighting Fixture	
P1688	Germany		EPP	09751007.7	22 May 2009	2286142	23 Feb 2011	2286142	29 Jul 2015	22 May 2029	Granted	IDEAL Industries Lighting LLC	Recessed LED Lighting Fixture	
P1688	Korea, Republic of		PCT	10-2010-7028831	22 Dec 2010						Abandoned	IDEAL Industries Lighting LLC	Recessed LED Lighting Fixture	
P1689	Australia		PCT	2008251799	29 Nov 2010			2008251799	12 Jun 2014	22 May 2029	Granted	IDEAL Industries Lighting LLC	LED Lighting Fixture	
P1689	Germany		EPP	09755246.7	22 May 2009	2286141	23 Feb 2011	2286141	23 Mar 2016	22 May 2029	Granted	IDEAL Industries Lighting LLC	LED Lighting Fixture	
P1689	Canada		PCT	2725826	25 Nov 2010	2725826	03 Dec 2009	2725826	28 Nov 2018	22 May 2029	Granted	IDEAL Industries Lighting LLC	LED Lighting Fixture	
P1689	European Patent Convention		PCT	09755246.7	10 Dec 2010	2286141	23 Feb 2011	2286141	23 Mar 2016	22 May 2029	Granted	IDEAL Industries Lighting LLC	LED Lighting Fixture	AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; SE; SI; SK; TR
P1689	New Zealand		PCT	589714	02 Dec 2010			589714	01 Oct 2013	23 May 2029	Granted	IDEAL Industries Lighting LLC	LED Lighting Fixture	
P1689	United States of America	1	ORD	12127,785	27 May 2008	US-2008-0290392	03 Dec 2009	7,841,734	30 Nov 2010	13 Nov 2028	Granted	IDEAL Industries Lighting LLC	LED Lighting Fixture	
P1689	Patent Cooperation Treaty		ORD	PCT/US09/03199	22 May 2009						Inactive	IDEAL Industries Lighting LLC	LED Lighting Fixture	
P1689	Brazil		PCT	P10913238-0	29 Nov 2010						Abandoned	IDEAL Industries Lighting LLC	LED Lighting Fixture	
P1689	India		PCT	8400/DELNP2010	26 Nov 2010			308914	08 Feb 2019	22 May 2029	Abandoned	IDEAL Industries Lighting LLC	LED Lighting Fixture	
P1690	Canada		PCT	2725835	25 Nov 2010						Abandoned	IDEAL Industries Lighting LLC	Method for LED Module Assembly	
P1690	European Patent Convention		PCT	09755255.8	10 Dec 2010	2294620	16 Mar 2011	2294620	02 Aug 2017	27 May 2029	Granted	IDEAL Industries Lighting LLC	Method for LED Module Assembly	AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; SE; SI; SK; TR
P1690	India		PCT	8403/DELNP2010	26 Nov 2010					27 May 2029	Pending	IDEAL Industries Lighting LLC	Method for LED Module Assembly	
P1690	Australia		PCT	2008251808	30 Nov 2010			2008251808	24 Jul 2014		Abandoned	IDEAL Industries Lighting LLC	Method for LED Module Assembly	
P1690	Germany		EPP	09755255.8	27 May 2009	2294620	16 Mar 2011	2294620	02 Aug 2017	27 May 2029	Granted	IDEAL Industries Lighting LLC	Method for LED Module Assembly	
P1690	New Zealand		PCT	589526	25 Nov 2010			589526	01 Oct 2013	27 May 2029	Granted	IDEAL Industries Lighting LLC	Method for LED Module Assembly	
P1690	United States of America	0	PRD	81/058,412	27 May 2008						Inactive	IDEAL Industries Lighting LLC	Method of Assembly and Verification of an LED Module	
P1690	United States of America	1	ORD	12473,017	27 May 2009	US-2009-0296376	03 Dec 2009	8,101,434	24 Jan 2012	20 Aug 2029	Granted	IDEAL Industries Lighting LLC	Method for LED Module Assembly	
P1690	Patent Cooperation Treaty		ORD	PCT/US09/03224	27 May 2009						Inactive	IDEAL Industries Lighting LLC	Method for LED Module Assembly	
P1691	United States of America	1	DES	29318,867	28 May 2008			0592,344	12 May 2008	12 May 2023	Granted	IDEAL Industries Lighting LLC	Lighting Fixture with Concentric Sensor	
P1692	European Patent Convention		PCT	09798283.1	28 Jan 2011	2307791	13 Apr 2011	2307791	07 Mar 2018	30 Jun 2029	Granted	IDEAL Industries Lighting LLC	Light Directing Apparatus with Protected Reflector Shield and Lighting Fixture Utilizing Same	AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; SE; SI; SK; TR
P1692	United States of America	1	ORD	12173,149	15 Jul 2008	US-2010-0014290	21 Jan 2010	7,891,835	22 Feb 2011	15 Jul 2029	Granted	IDEAL Industries Lighting LLC	Light Directing Apparatus with Protected Reflector Shield and Lighting Fixture Utilizing Same	
P1692	India		PCT	209/DELNP2011	14 Jan 2011					30 Jun 2029	Abandoned	IDEAL Industries Lighting LLC	Light Directing Apparatus with Protected Reflector Shield and Lighting Fixture Utilizing Same	
P1692	Australia	2	DIV	2013205105	13 Apr 2013			2013205105	27 Aug 2015	30 Jun 2029	Granted	IDEAL Industries Lighting LLC	Light Directing Apparatus with Protected Reflector Shield and Lighting Fixture Utilizing Same	
P1692	Brazil		PCT	P109158008	13 Jan 2011	P109158008	10 Nov 2015			30 Jun 2029	Abandoned	IDEAL Industries Lighting LLC	Light Directing Apparatus with Protected Reflector Shield and Lighting Fixture Utilizing Same	
P1692	Australia		PCT	2008271703	11 Jan 2011			2008271703	30 Oct 2014	30 Jun 2029	Granted	IDEAL Industries Lighting LLC	Light Directing Apparatus with Protected Reflector Shield and Lighting Fixture Utilizing Same	
P1692	Germany		EPP	09798283.1	30 Jun 2009	2307791	13 Apr 2011	2307791	07 Mar 2018	30 Jun 2029	Granted	IDEAL Industries Lighting LLC	Light Directing Apparatus with Protected Reflector Shield and Lighting Fixture Utilizing Same	
P1692	Korea, Republic of		PCT	10-2011-7033209	11 Feb 2011						Abandoned	IDEAL Industries Lighting LLC	Light Directing Apparatus with Protected Reflector Shield and Lighting Fixture Utilizing Same	
P1692	Patent Cooperation Treaty		ORD	PCT/US09/03980	30 Jun 2009						Inactive	IDEAL Industries Lighting LLC	Light Directing Apparatus with Protected Reflector Shield and Lighting Fixture Utilizing Same	
P1692	United States of America	5	ODN	14-265,227	22 May 2014	US20140254161	11 Sep 2014	9,127,819	08 Sep 2015	15 Jul 2028	Granted	IDEAL Industries Lighting LLC	Light Directing Apparatus with Protected Reflector Shield and Lighting Fixture Utilizing Same	
P1692	United States of America	4	ODN	13-971,505	20 Aug 2013	2013035968 A1	19 Dec 2013	8,784,232	01 Jul 2014	15 Jul 2028	Granted	IDEAL Industries Lighting LLC	Light Directing Apparatus with Protected Reflector Shield and Lighting Fixture Utilizing Same	
P1692	United States of America	3	ODN	13-947,162	08 Oct 2012	20130127502 A1	31 Jan 2013	8,511,854	20 Aug 2013	15 Jul 2028	Granted	IDEAL Industries Lighting LLC	Light Directing Apparatus with Protected Reflector Shield and Lighting Fixture Utilizing Same	
P1692	United States of America	2	ODN	13-914,438	28 Jan 2011	US-2011-0122619	26 May 2011	8,282,239	09 Oct 2012	15 Jul 2028	Granted	IDEAL Industries Lighting LLC	Light Directing Apparatus with Protected Reflector Shield and Lighting Fixture Utilizing Same	
P1692	New Zealand		PCT	590529	14 Jan 2011			590529	03 Sep 2013	30 Jun 2029	Granted	IDEAL Industries Lighting LLC	Light Directing Apparatus with Protected Reflector Shield and Lighting Fixture Utilizing Same	
P1692	Canada		PCT	2730575	13 Jan 2011	2730575	21 Jan 2010	2730575	12 Mar 2018	30 Jun 2029	Granted	IDEAL Industries Lighting LLC	Light Directing Apparatus with Protected Reflector Shield and Lighting Fixture Utilizing Same	
P1693	Patent Cooperation Treaty		ORD	PCT/US09/03197	22 May 2009						Inactive	IDEAL Industries Lighting LLC	LENS WITH TIR FOR OFF-AXIAL LIGHT DISTRIBUTION	
P1693	European Patent Convention	2	DIV	15173817.0	24 Jan 2015	2947374	25 Nov 2015	2947374	15 Jan 2020	22 May 2029	Granted	IDEAL Industries Lighting LLC	LENS WITH TIR FOR OFF-AXIAL LIGHT DISTRIBUTION	AU; AT; BA; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; KH; LI; LT; LU; LV; MA; MC; MD; ME; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TN; TR
P1693	Australia		PCT	2008246558	30 Nov 2010			2008246558	19 Feb 2015	22 May 2029	Granted	IDEAL Industries Lighting LLC	LENS WITH TIR FOR OFF-AXIAL LIGHT DISTRIBUTION	
P1693	Brazil		PCT	P10912959-9	22 Nov 2010					22 May 2029	Abandoned	IDEAL Industries Lighting LLC	LENS WITH TIR FOR OFF-AXIAL LIGHT DISTRIBUTION	
P1693	Canada		PCT	2,725,200	22 Nov 2010	2725200	26 Nov 2009	2,725,200	28 Jun 2016	22 May 2029	Granted	IDEAL Industries Lighting LLC	LENS WITH TIR FOR OFF-AXIAL LIGHT DISTRIBUTION	
P1693	China (People's Republic)		PCT	20090127058.0	12 Jan 2011	CN102089575A	08 Jun 2011	2,120,98072058.0	05 Aug 2015	22 May 2029	Granted	IDEAL Industries Lighting LLC	LENS WITH TIR FOR OFF-AXIAL LIGHT DISTRIBUTION	
P1693	Germany		EPP	09751008.9	22 May 2009	2286143	23 Feb 2011	2286143	01 Jul 2015	22 May 2029	Granted	IDEAL Industries Lighting LLC	LENS WITH TIR FOR OFF-AXIAL LIGHT DISTRIBUTION	
P1693	European Patent Convention		PCT	09751008.9	08 Dec 2010	2286143	23 Feb 2011	2286143	01 Jul 2015	22 May 2029	Granted	IDEAL Industries Lighting LLC	LENS WITH TIR FOR OFF-AXIAL LIGHT DISTRIBUTION	AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; SE; SI; SK; TR
P1693	Australia	2	DIV	2013205015	13 Apr 2013			2013205015	28 Jan 2016	22 May 2029	Granted	IDEAL Industries Lighting LLC	LENS WITH TIR FOR OFF-AXIAL LIGHT DISTRIBUTION	

P1673	Hong Kong		RDN	110971.3	16-Sep-2011	115597	18-May-2012				Abandoned	IDEAL Industries Lighting LLC	LENS WITH TIR FOR OFF-AXIAL LIGHT DISTRIBUTION	
P1673	India		PCT	8094/DELNP/2010	07-Dec-2010						Abandoned	IDEAL Industries Lighting LLC	LENS WITH TIR FOR OFF-AXIAL LIGHT DISTRIBUTION	
P1673	United States of America	1	ORD	12173.721	15-Jul-2008	US-2006-0200390	28-Nov-2009	8,388,193	05-Mar-2013	12-Jan-2030	Granted	IDEAL Industries Lighting LLC	LENS WITH TIR FOR OFF-AXIAL LIGHT DISTRIBUTION	
P1673	New Zealand	2	DIV	611131	29-May-2013			611131	25-Mar-2015	22-May-2029	Granted	IDEAL Industries Lighting LLC	LENS WITH TIR FOR OFF-AXIAL LIGHT DISTRIBUTION	
P1673	New Zealand		PCT	58945	23-Nov-2010			58945	01-Oct-2013	22-May-2029	Granted	IDEAL Industries Lighting LLC	LENS WITH TIR FOR OFF-AXIAL LIGHT DISTRIBUTION	
P1673	Mexico		PCT	MX/2010/012801	23-Nov-2010			269797	01-Jun-2012	22-May-2029	Granted	IDEAL Industries Lighting LLC	LENS WITH TIR FOR OFF-AXIAL LIGHT DISTRIBUTION	
P1673	Korea, Republic of		PCT	10-2010-7028822	22-Dec-2010						Abandoned	IDEAL Industries Lighting LLC	LENS WITH TIR FOR OFF-AXIAL LIGHT DISTRIBUTION	
P1673	United States of America	2	ODN	13784.204	04-Mar-2013	2014-0378747	20-Mar-2014	9,857,918	23-May-2017	21-Jul-2029	Granted	IDEAL Industries Lighting LLC	LIGHT FIXTURE WITH WIDE ANGLE LIGHT DISTRIBUTION	
P1673	Germany	2	EDV	15173817.0	24-Jun-2015	2947374	15-Jan-2020	63030981038.4	15-Jan-2020	22-May-2029	Granted	IDEAL Industries Lighting LLC	LENS WITH TIR FOR OFF-AXIAL LIGHT DISTRIBUTION	
P1674	Canada		PCT	2731695	21-Jan-2011	2731695	04-Feb-2010	2731695	08-Nov-2010	20-Jul-2029	Granted	IDEAL Industries Lighting LLC	Light Directing Lending Member with Improved Angled Light Distribution	
P1674	Australia		PCT	200927185	21-Jan-2011			200927185	24-May-2014	20-Jul-2029	Granted	IDEAL Industries Lighting LLC	Light Directing Lending Member with Improved Angled Light Distribution	
P1674	India		PCT	529/DELNP/2011	24-Jan-2011						Abandoned	IDEAL Industries Lighting LLC	Light Directing Lending Member with Improved Angled Light Distribution	
P1674	Brazil		PCT	P109194568	27-Jan-2011					20-Jul-2029	Abandoned	IDEAL Industries Lighting LLC	Light Directing Lending Member with Improved Angled Light Distribution	
P1674	New Zealand		PCT	590548	17-Jan-2011			590548	03-Dec-2013	20-Jul-2029	Granted	IDEAL Industries Lighting LLC	Light Directing Lending Member with Improved Angled Light Distribution	
P1674	United States of America	1	ORD	12184.308	01-Aug-2008	US-2010-0227271	04-Feb-2010	7,841,750	30-Nov-2010	22-May-2029	Granted	IDEAL Industries Lighting LLC	Light Directing Lending Member with Improved Angled Light Distribution	
P1674	Korea, Republic of		PCT	10-2011-7034918	28-Feb-2011						Abandoned	IDEAL Industries Lighting LLC	Light Directing Lending Member with Improved Angled Light Distribution	
P1674	Patent Cooperation Treaty		ORD	PCT/US09/034190	20-Jul-2009						Inactive	IDEAL Industries Lighting LLC	Light Directing Lending Member with Improved Angled Light Distribution	
P1674	European Patent Convention		PCT	0803232.9	13-Jan-2011						Abandoned	IDEAL Industries Lighting LLC	Light Directing Lending Member with Improved Angled Light Distribution	
P1675	Hong Kong		RDN	12104831.1	29-Mar-2010	HK1164421	21-Sep-2012				Abandoned	IDEAL Industries Lighting LLC	Lens with Controlled Light Refraction	
P1675	European Patent Convention		PCT	10770040.3	18-Oct-2011	2425178	07-Mar-2012	2425178	24-Aug-2016	29-Mar-2030	Granted	IDEAL Industries Lighting LLC	Lens with Controlled Light Refraction	AT; BE; BO; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; SE; SI; SK; SM; TR
P1675	India		PCT	7144/DELNP/2011	18-Sep-2011	7144/DELNP/2011	20-Sep-2013				Abandoned	IDEAL Industries Lighting LLC	Lens with Controlled Light Refraction	
P1675	Brazil		PCT	P11008866.6	27-Sep-2011						Abandoned	IDEAL Industries Lighting LLC	Lens with Controlled Light Refraction	
P1675	Canada		PCT	2756158	29-Mar-2010						Abandoned	IDEAL Industries Lighting LLC	Lens with Controlled Light Refraction	
P1675	Germany		EPP	10770040.3	29-Mar-2010	2425178	07-Mar-2012	2425178	24-Aug-2016	29-Mar-2030	Granted	IDEAL Industries Lighting LLC	Lens with Controlled Light Refraction	
P1675	Mexico		PCT	MW/A/11010155	27-Sep-2011			308842	19-Apr-2013	29-Mar-2030	Granted	IDEAL Industries Lighting LLC	Lens with Controlled Light Refraction	
P1675	New Zealand		PCT	595195	13-Sep-2011			595195	01-Jul-2014	29-Mar-2030	Granted	IDEAL Industries Lighting LLC	Lens with Controlled Light Refraction	
P1675	United States of America	1	ORD	12431.308	28-Apr-2009	US-2010-0271708	28-Oct-2010	9,217,854	22-Dec-2015	28-Aug-2031	Granted	IDEAL Industries Lighting LLC	Lens with Controlled Light Refraction	
P1675	Patent Cooperation Treaty		ORD	PCT/US09/039822	29-Mar-2010						Inactive	IDEAL Industries Lighting LLC	Lens with Controlled Light Refraction	
P1675	Australia		PCT	2010242080	23-Sep-2011						Abandoned	IDEAL Industries Lighting LLC	Lens with Controlled Light Refraction	
P1675	China (People's Republic)		PCT	201080018308.X	28-Oct-2011	102414505	11-Apr-2012	ZL201080018308.X	26-Aug-2015	29-Mar-2030	Granted	IDEAL Industries Lighting LLC	Lens with Controlled Light Refraction	
P1676	United States of America	3	ODN	147417.589	23-Jun-2015	2015-0285469	08-Oct-2015	9,480,329	08-Nov-2016	15-Jul-2028	Granted	IDEAL Industries Lighting LLC	Lens with Controlled Backlight Management	
P1676	China (People's Republic)		PCT	20100023451.7	29-Nov-2011	102449385	09-May-2012	ZL20100023451.7	25-Mar-2015	04-May-2030	Granted	IDEAL Industries Lighting LLC	Lens with Controlled Backlight Management	
P1676	Australia		PCT	2010254567	22-Nov-2011			2010254567	30-Oct-2014	04-May-2030	Granted	IDEAL Industries Lighting LLC	Lens with Controlled Backlight Management	
P1676	Australia	2	DIV	2013204982	12-Apr-2013			2013204982	07-Jan-2016	04-May-2030	Granted	IDEAL Industries Lighting LLC	Lens with Controlled Backlight Management	
P1676	Hong Kong		RDN		04-May-2010						Abandoned	IDEAL Industries Lighting LLC	Lens with Controlled Backlight Management	
P1676	Brazil		PCT	P11012065	23-Nov-2011					04-May-2030	Abandoned	IDEAL Industries Lighting LLC	Lens with Controlled Backlight Management	
P1676	Canada		PCT	2782335	17-Nov-2011	2782335	02-Dec-2010	2782335	25-Jul-2017	04-May-2030	Granted	IDEAL Industries Lighting LLC	Lens with Controlled Backlight Management	
P1676	European Patent Convention		PCT	10780909.7	14-Nov-2011	2435756	04-Apr-2012	2435756	24-Jul-2019	04-May-2030	Granted	IDEAL Industries Lighting LLC	Lens with Controlled Backlight Management	AL; AT; BA; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; KH; LI; LT; LU; LV; MC; MD; ME; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TN; TR
P1676	Mexico		PCT	MX/A/11012323	17-Nov-2011			308841	19-Apr-2013	04-May-2030	Granted	IDEAL Industries Lighting LLC	Lens with Controlled Backlight Management	
P1676	Patent Cooperation Treaty		ORD	PCT/US09/031914	04-May-2010						Inactive	IDEAL Industries Lighting LLC	Lens with Controlled Backlight Management	
P1676	United States of America	2	ODN	13735.701	07-Jan-2013	2014-0022797	23-Jan-2014	9,476,570	25-Oct-2016	10-Dec-2029	Granted	IDEAL Industries Lighting LLC	Lens with Controlled Backlight Management	
P1676	India		PCT	8208/DELNP/2011	24-Nov-2011					04-May-2030	Abandoned	IDEAL Industries Lighting LLC	Lens with Controlled Backlight Management	
P1676	New Zealand		PCT	596435	15-Nov-2011			596435	29-Oct-2014	04-May-2030	Granted	IDEAL Industries Lighting LLC	Lens with Controlled Backlight Management	
P1676	United States of America	1	OP	12475.194	29-May-2009	US-2010-0302708	02-Dec-2010	8,340,475	08-Jan-2013	23-Sep-2029	Granted	IDEAL Industries Lighting LLC	Lens with Controlled Backlight Management	
P1676	Germany		EPP	10780909.7	14-Nov-2011	2435756	04-Apr-2012	2435756	24-Jul-2019	04-May-2030	Granted	IDEAL Industries Lighting LLC	Lens with Controlled Backlight Management	
P1676	Italy		EPP	10780909.7	14-Nov-2011	2435756	04-Apr-2012	2435756	24-Jul-2019	04-May-2030	Granted	IDEAL Industries Lighting LLC	Lens with Controlled Backlight Management	
P1677	European Patent Convention		PCT	10227270.9	28-Apr-2012	2494286	05-Sep-2012	2494286	13-Jul-2016	28-Oct-2038	Granted	IDEAL Industries Lighting LLC	LED APPARATUS AND METHOD FOR ACCURATE LENS ALIGNMENT	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TN; TR
P1677	Hong Kong		RDN	13101951.0	25-Feb-2013	1174682A	14-Jun-2013			28-Oct-2038	Published	IDEAL Industries Lighting LLC	LED APPARATUS AND METHOD FOR ACCURATE LENS ALIGNMENT	

P1877	Australia		PCT	2010313751	02-May-2012			2010313751	04-Dec-2014	28-Oct-2030	Granted	IDEAL Industries Lighting LLC	LED APPARATUS AND METHOD FOR ACCURATE LENS ALIGNMENT
P1877	Australia	2	DIY	2010320903	13-Apr-2013						Abandoned	IDEAL Industries Lighting LLC	LED APPARATUS AND METHOD FOR ACCURATE LENS ALIGNMENT
P1877	Canada		PCT	2779298	27-Apr-2012						Abandoned	IDEAL Industries Lighting LLC	LED APPARATUS AND METHOD FOR ACCURATE LENS ALIGNMENT
P1877	China (People's Republic)		PCT	201080552989.9	07-Jun-2012						Abandoned	IDEAL Industries Lighting LLC	LED APPARATUS AND METHOD FOR ACCURATE LENS ALIGNMENT
P1877	China (People's Republic)	2	DIY	20101016446.0	28-Feb-2010	CN103279532A	13-Jul-2010			28-Oct-2030	Abandoned	IDEAL Industries Lighting LLC	LED APPARATUS AND METHOD FOR ACCURATE LENS ALIGNMENT
P1877	Germany		EPP	10227270.9	28-Oct-2010	2494268	05-Sep-2012	2494268	13-Jul-2016	28-Oct-2030	Granted	IDEAL Industries Lighting LLC	LED APPARATUS AND METHOD FOR ACCURATE LENS ALIGNMENT
P1877	United States of America	2	DDN	13725.718	07-Jan-2013	US2014-0192529	10-Jul-2014	9,020,997	12-May-2015	09-Mar-2030	Granted	IDEAL Industries Lighting LLC	LED APPARATUS AND METHOD FOR ACCURATE LENS ALIGNMENT
P1877	New Zealand		PCT	599753	28-Sep-2012			599753	03-Feb-2015	28-Oct-2030	Granted	IDEAL Industries Lighting LLC	LED APPARATUS AND METHOD FOR ACCURATE LENS ALIGNMENT
P1877	Mexico		PCT	MXA/12/034980	27-Apr-2012			315448	19-Nov-2012	28-Oct-2030	Granted	IDEAL Industries Lighting LLC	LED APPARATUS AND METHOD FOR ACCURATE LENS ALIGNMENT
P1877	Korea, Republic of		PCT	10-2010-7013142	22-May-2012						Abandoned	IDEAL Industries Lighting LLC	LED APPARATUS AND METHOD FOR ACCURATE LENS ALIGNMENT
P1877	Japan		PCT	2012538789	27-Apr-2012			5819030	09-Oct-2015	28-Oct-2030	Granted	IDEAL Industries Lighting LLC	LED APPARATUS AND METHOD FOR ACCURATE LENS ALIGNMENT
P1877	Patent Cooperation Treaty		ORD	PCT/US10/02837	28-Oct-2010						Inactive	IDEAL Industries Lighting LLC	LED APPARATUS AND METHOD FOR ACCURATE LENS ALIGNMENT
P1877	United States of America	1	ORD	126911,077	30-Oct-2009	US-2011-0103051	05-May-2011	8,348,461	08-Jan-2013	09-Sep-2030	Granted	IDEAL Industries Lighting LLC	LED APPARATUS AND METHOD FOR ACCURATE LENS ALIGNMENT
P1878	New Zealand		DES	414083	24-Sep-2010			414083	23-Dec-2010	28-Mar-2025	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE
P1878	Korea, Republic of		DES	30-2010-0041857	24-Sep-2010			30-0654777	31-Jul-2012	31-Jul-2027	Abandoned	IDEAL Industries Lighting LLC	LIGHTING FIXTURE
P1878	Australia		DES	141292010	24-Sep-2010			333020	20-Oct-2010	24-Sep-2020	Expired	IDEAL Industries Lighting LLC	LIGHTING FIXTURE
P1878	Canada		DES	137270	22-Sep-2010			137270	28-Apr-2011	28-Apr-2021	Expired	IDEAL Industries Lighting LLC	LIGHTING FIXTURE
P1878	China (People's Republic)		DES	201030352104.5	28-Sep-2010			ZL201030352104	31-Aug-2011	29-Sep-2020	Expired	IDEAL Industries Lighting LLC	LIGHTING FIXTURE
P1878	European Community	1	DES	001754458	14-Sep-2010			001754458-0001	14-Sep-2010	14-Sep-2035	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE
P1878	European Community	2	DES	001754458	14-Sep-2010			001754458-0002	14-Sep-2010	14-Sep-2035	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE
P1878	Mexico		DES	MX/F/10/002464	22-Sep-2010			34003	08-Aug-2011	22-Sep-2025	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE
P1878	United States of America	1	DES	29-258,385	28-Mar-2010			D639,514	19-Apr-2011	19-Apr-2025	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE
P1878	European Community	3	DES	001754458	14-Sep-2010			001754458-0003	14-Sep-2010	14-Sep-2035	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE
P1878	India		DES	231580	23-Sep-2010			231580	28-Apr-2011	28-Mar-2025	Abandoned	IDEAL Industries Lighting LLC	LIGHTING FIXTURE
P1878	United Kingdom	1	RFD	9001754458	14-Sep-2010			9001754458-0001	14-Sep-2010	14-Sep-2035	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE
P1878	United Kingdom	2	RFD	9001754458	14-Sep-2010			9001754458-0002	14-Sep-2010	14-Sep-2035	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE
P1878	United Kingdom	3	RFD	9001754458	14-Sep-2010			9001754458-0003	14-Sep-2010	14-Sep-2035	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE
P1879	India		DES	231581	23-Sep-2010						Abandoned	IDEAL Industries Lighting LLC	LIGHTING FIXTURE WITH A FITTER PORTION
P1879	Canada		DES	137271	22-Sep-2010			137271	28-Apr-2011	28-Apr-2021	Expired	IDEAL Industries Lighting LLC	LIGHTING FIXTURE WITH A FITTER PORTION
P1879	Australia		DES	140792010	22-Sep-2010			333285	19-Oct-2010	22-Sep-2020	Expired	IDEAL Industries Lighting LLC	LIGHTING FIXTURE WITH A FITTER PORTION
P1879	China (People's Republic)		DES	201030352587.9	28-Sep-2010			ZL201030352587	05-Oct-2011	29-Sep-2020	Expired	IDEAL Industries Lighting LLC	LIGHTING FIXTURE WITH A FITTER PORTION
P1879	New Zealand		DES	414090	24-Sep-2010			414090	23-Dec-2010	28-Mar-2025	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE WITH A FITTER PORTION
P1879	United States of America	1	DES	29-258,386	28-Mar-2010			D639,516	19-Apr-2011	19-Apr-2025	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE WITH A FITTER PORTION
P1879	European Community		DES	001755059	15-Sep-2010			001755059	15-Sep-2010	15-Sep-2035	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE WITH A FITTER PORTION
P1879	Korea, Republic of		DES	30-2010-0041858	24-Sep-2010			30-0654777-01	08-Aug-2012	08-Aug-2027	Abandoned	IDEAL Industries Lighting LLC	LIGHTING FIXTURE WITH A FITTER PORTION
P1879	Mexico		DES	MX/F/2010/002456	21-Sep-2010			34139	12-Aug-2011	21-Sep-2025	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE WITH A FITTER PORTION
P1879	United Kingdom		RFD	9001755059-0001	15-Sep-2010			9001755059-0001	15-Sep-2010	15-Sep-2035	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE WITH A FITTER PORTION
P1880	United States of America	1	DES	29-258,382	28-Mar-2010						Abandoned	IDEAL Industries Lighting LLC	Lighting Fixture (Eagle Project Design)
P1881	United States of America	1	DES	29-258,383	28-Mar-2010						Abandoned	IDEAL Industries Lighting LLC	Lighting Fixture with Fitter Portion (Eagle Project) (Design)
P1882	United States of America	1	DES	29-258,395	28-Mar-2010			D639,976	31-May-2011	31-May-2025	Granted	Speirs and Major Associates Limited	LED Light Fixture Module
P1882	European Community		DES	001757388	20-Sep-2010			001757388	20-Sep-2010	20-Sep-2035	Granted	Speirs and Major Associates Limited	LED Light Fixture Module
P1882	India		DES	231579	23-Sep-2010			231579	28-Apr-2011	28-Mar-2025	Abandoned	Speirs and Major Associates Limited	LED Light Fixture Module
P1882	Korea, Republic of		DES	30-2010-0041888	24-Sep-2010			30-0851648	04-Jul-2012	04-Jul-2027	Abandoned	Speirs and Major Associates Limited	LED Light Fixture Module
P1882	Australia		DES	141292010	23-Sep-2010			333219	20-Oct-2010	24-Sep-2020	Expired	Speirs and Major Associates Limited	LED Light Fixture Module
P1882	China (People's Republic)		DES	201030355807.7	28-Sep-2010			201030355807	13-Apr-2011	29-Sep-2020	Expired	Speirs and Major Associates Limited	LED Light Fixture Module
P1882	Canada		DES	137278	24-Sep-2010			137278	18-Oct-2011	18-Oct-2021	Expired	Speirs and Major Associates Limited	LED Light Fixture Module
P1882	New Zealand		DES	414084	24-Sep-2010			414084	02-Feb-2011	28-Mar-2025	Granted	Speirs and Major Associates Limited	LED Light Fixture Module
P1882	Mexico		DES	MX/F/2010/002463	22-Sep-2010			34364	22-Sep-2011	22-Sep-2025	Granted	Speirs and Major Associates Limited	LED Light Fixture Module

P1682	United Kingdom		RFD	9001757388-0001	20-Sep-2010			9001757388-0001	20-Sep-2010	20-Sep-2035	Granted	Speirs and Major Associates Limited	LED Light Fixture Module
P1683	United States of America	1	DES	29-268,479	29-Mar-2010			D645,180	13-Sep-2011	13-Sep-2025	Granted	Speirs and Major Associates Limited	Multi-Module LED Light Fixture
P1683	Australia		DES	14127/2010	24-Sep-2010			33318	20-Oct-2010	24-Sep-2020	Expired	Speirs and Major Associates Limited	Multi-Module LED Light Fixture
P1683	Canada		DES	137279	24-Sep-2010			137279	18-Oct-2011	18-Oct-2021	Expired	Speirs and Major Associates Limited	Multi-Module LED Light Fixture
P1683	India		DES	231820	24-Sep-2010			231820	09-May-2011	28-Mar-2025	Abandoned	Speirs and Major Associates Limited	Multi-Module LED Light Fixture
P1683	Korea, Republic of		DES	30-2010-0041890	24-Sep-2010			30-0851847	04-Jul-2012	04-Jul-2027	Abandoned	Speirs and Major Associates Limited	Multi-Module LED Light Fixture
P1683	New Zealand		DES	414385	24-Sep-2010			414385	02-Feb-2011	28-Mar-2025	Granted	Speirs and Major Associates Limited	Multi-Module LED Light Fixture
P1683	China (People's Republic)		DES	20103035576.0	28-Sep-2010			ZL20103035576	28-Sep-2011	28-Sep-2020	Expired	Speirs and Major Associates Limited	Multi-Module LED Light Fixture
P1683	European Community		DES	001758228	22-Sep-2010			001758228	22-Sep-2010	22-Sep-2035	Granted	Speirs and Major Associates Limited	Multi-Module LED Light Fixture
P1683	Mexico		DES	MXF10/002520	20-Sep-2010			33842	08-Jul-2011	23-Sep-2035	Granted	Speirs and Major Associates Limited	Multi-Module LED Light Fixture
P1683	United Kingdom		RFD	9001756228-0001	22-Sep-2010			9001756228-0001	22-Sep-2010	22-Sep-2035	Granted	Speirs and Major Associates Limited	Multi-Module LED Light Fixture
P1684	United States of America	1	DES	29-268,478	29-Mar-2010			D655,434	09-Mar-2012	09-Mar-2028	Granted	Speirs and Major Associates Limited	Multi-Module LED Light Fixture with Sharp-Edged Mounting Arm
P1684	China (People's Republic)		DES	20103035576.0	28-Sep-2010				28-Sep-2011		Inactive	Speirs and Major Associates Limited	Multi-Module LED Light Fixture with Sharp-Edged Mounting Arm
P1684	Australia		DES	14115/2010	24-Sep-2010			33345	21-Oct-2010	24-Sep-2020	Expired	Speirs and Major Associates Limited	Multi-Module LED Light Fixture with Sharp-Edged Mounting Arm
P1684	Canada		DES	137280	24-Sep-2010			137280	18-Oct-2011	18-Oct-2021	Expired	Speirs and Major Associates Limited	Multi-Module LED Light Fixture with Sharp-Edged Mounting Arm
P1684	European Community		DES	001758467	23-Sep-2010			001758467	23-Sep-2010	23-Sep-2035	Granted	Speirs and Major Associates Limited	Multi-Module LED Light Fixture with Sharp-Edged Mounting Arm
P1684	India		DES	231819	24-Sep-2010			231819	09-May-2011	28-Mar-2025	Abandoned	Speirs and Major Associates Limited	Multi-Module LED Light Fixture with Sharp-Edged Mounting Arm
P1684	Korea, Republic of		DES	30-2010-0041890	24-Sep-2010			30-0851847-00	30-Aug-2012	30-Aug-2027	Abandoned	Speirs and Major Associates Limited	Multi-Module LED Light Fixture with Sharp-Edged Mounting Arm
P1684	Mexico		DES	MXF10/002520	24-Sep-2010			38613	04-Jul-2012	24-Sep-2035	Granted	Speirs and Major Associates Limited	Multi-Module LED Light Fixture with Sharp-Edged Mounting Arm
P1684	New Zealand		DES	414388	24-Sep-2010			414388	02-Feb-2011	28-Mar-2025	Granted	Speirs and Major Associates Limited	Multi-Module LED Light Fixture with Sharp-Edged Mounting Arm
P1684	United Kingdom		RFD	9001758467-0001	23-Sep-2010			9001758467-0001	23-Sep-2010	23-Sep-2035	Granted	Speirs and Major Associates Limited	Multi-Module LED Light Fixture with Sharp-Edged Mounting Arm
P1685	United States of America	1	DES	29-268,479	29-Mar-2010			D630,483	07-Jun-2011	07-Jun-2025	Granted	Speirs and Major Associates Limited	LED Light Fixture with Cross-Mounted Modules
P1685	Australia		DES	14119/2010	24-Sep-2010			33248	21-Oct-2010	24-Sep-2020	Expired	Speirs and Major Associates Limited	LED Light Fixture with Cross-Mounted Modules
P1685	Canada		DES	137281	24-Sep-2010			137281	18-Oct-2011	18-Oct-2021	Expired	Speirs and Major Associates Limited	LED Light Fixture with Cross-Mounted Modules
P1685	China (People's Republic)		DES	20103035568.0	28-Sep-2010			ZL20103035568/137281	22-Aug-2012	28-Sep-2020	Expired	Speirs and Major Associates Limited	LED Light Fixture with Cross-Mounted Modules
P1685	European Community		DES	001758200	24-Sep-2010			001758200	24-Sep-2010	24-Sep-2035	Granted	Speirs and Major Associates Limited	LED Light Fixture with Cross-Mounted Modules
P1685	India		DES	231821	24-Sep-2010			231821	09-May-2011	28-Mar-2025	Abandoned	Speirs and Major Associates Limited	LED Light Fixture with Cross-Mounted Modules
P1685	Korea, Republic of		DES	30-2010-0041891	24-Sep-2010			30-0851847-01	30-Aug-2012	30-Aug-2027	Abandoned	Speirs and Major Associates Limited	LED Light Fixture with Cross-Mounted Modules
P1685	Mexico		DES	MXF10/002521	24-Sep-2010			34362	19-Sep-2011	24-Sep-2035	Granted	Speirs and Major Associates Limited	LED Light Fixture with Cross-Mounted Modules
P1685	New Zealand		DES	414388	24-Sep-2010			414388	02-Feb-2011	28-Mar-2025	Granted	Speirs and Major Associates Limited	LED Light Fixture with Cross-Mounted Modules
P1685	United Kingdom		RFD	9001759200-0001	24-Sep-2010			9001759200-0001	24-Sep-2010	24-Sep-2035	Granted	Speirs and Major Associates Limited	LED Light Fixture with Cross-Mounted Modules
P1686	United States of America	1	DES	29-268,480	29-Mar-2010			D655,435	09-Mar-2012	09-Mar-2028	Granted	Speirs and Major Associates Limited	LED Light Fixture with Cross-Mounted Modules and Mounting Arm
P1686	Australia		DES	14114/2010	24-Sep-2010			33244	21-Oct-2010	24-Sep-2020	Expired	Speirs and Major Associates Limited	LED Light Fixture with Cross-Mounted Modules and Mounting Arm
P1686	Canada		DES	137282	24-Sep-2010			137282	18-Oct-2011	18-Oct-2021	Expired	Speirs and Major Associates Limited	LED Light Fixture with Cross-Mounted Modules and Mounting Arm
P1686	European Community		DES	001759192	24-Sep-2010			001759192	24-Sep-2010	24-Sep-2035	Granted	Speirs and Major Associates Limited	LED Light Fixture with Cross-Mounted Modules and Mounting Arm
P1686	India		DES	231893	24-Sep-2010						Abandoned	Speirs and Major Associates Limited	LED Light Fixture with Cross-Mounted Modules and Mounting Arm
P1686	Korea, Republic of		DES	2010-0041932	24-Sep-2010			30-0851847-02	30-Aug-2012	30-Aug-2027	Abandoned	Speirs and Major Associates Limited	LED Light Fixture with Cross-Mounted Modules and Mounting Arm
P1686	Mexico		DES	MXF10/002520	24-Sep-2010			34363	19-Sep-2011	24-Sep-2035	Granted	Speirs and Major Associates Limited	LED Light Fixture with Cross-Mounted Modules and Mounting Arm
P1686	New Zealand		DES	414389	24-Sep-2010			414389	02-Feb-2011	28-Mar-2025	Granted	Speirs and Major Associates Limited	LED Light Fixture with Cross-Mounted Modules and Mounting Arm
P1686	United Kingdom		RFD	9001759192-0001	24-Sep-2010			9001759192-0001	24-Sep-2010	24-Sep-2035	Granted	Speirs and Major Associates Limited	LED Light Fixture with Cross-Mounted Modules and Mounting Arm
P1687	European Community	1	DES	001761222	29-Sep-2010			001761222-0001	29-Sep-2010	29-Sep-2035	Granted	IDEAL Industries Lighting LLC	Light Fixture
P1687	European Community	1-3	DES	001761222	29-Sep-2010			001761222-0003	29-Sep-2010	29-Sep-2035	Granted	IDEAL Industries Lighting LLC	Light Fixture
P1687	United States of America	1	DES	29-269,385	09-Apr-2010			D630,586	24-May-2011	24-May-2025	Granted	IDEAL Industries Lighting LLC	Light Fixture
P1687	China (People's Republic)		DES	201030547634.1	09-Oct-2010			ZL201030547634	13-Jul-2011	09-Oct-2020	Expired	IDEAL Industries Lighting LLC	Light Fixture
P1687	Canada		DES	137368	01-Oct-2010			137368	17-May-2011	17-May-2021	Expired	IDEAL Industries Lighting LLC	Light Fixture
P1687	India		DES	231886	08-Oct-2010						Abandoned	IDEAL Industries Lighting LLC	Light Fixture
P1687	Korea, Republic of		DES	30-2010-0043402	08-Oct-2010			30-0820203	09-Jan-2012	09-Jan-2027	Granted	IDEAL Industries Lighting LLC	Light Fixture
P1687	New Zealand		DES	414125	08-Oct-2010			414125	23-Dec-2010	09-Apr-2025	Granted	IDEAL Industries Lighting LLC	Light Fixture

P1687	European Community	1-4	DES	001761222	28-Sep-2010			001761222-0004	29-Sep-2010	29-Sep-2035	Granted	IDEAL Industries Lighting LLC	Light Fixture	
P1687	Mexico		DES	MX/11/0028163	08-Oct-2010			33043	08-Jul-2011	08-Oct-2025	Granted	IDEAL Industries Lighting LLC	Light Fixture	
P1687	Australia		DES	14384/2010	08-Oct-2010			333448	28-Oct-2010	08-Oct-2020	Expired	IDEAL Industries Lighting LLC	Light Fixture	
P1687	European Community	1-2	DES	001761222	28-Sep-2010			001761222-0002	29-Sep-2010	29-Sep-2035	Granted	IDEAL Industries Lighting LLC	Light Fixture	
P1687	United Kingdom	1	RPD	9001761222-0001	28-Sep-2010			9001761222-0001	29-Sep-2010	29-Sep-2035	Granted	IDEAL Industries Lighting LLC	Light Fixture	
P1687	United Kingdom	2	RPD	9001761222-0002	28-Sep-2010			9001761222-0002	29-Sep-2010	29-Sep-2035	Granted	IDEAL Industries Lighting LLC	Light Fixture	
P1687	United Kingdom	3	RPD	9001761222-0003	28-Sep-2010			9001761222-0003	29-Sep-2010	29-Sep-2035	Granted	IDEAL Industries Lighting LLC	Light Fixture	
P1687	United Kingdom	4	RPD	9001761222-0004	28-Sep-2010			9001761222-0004	29-Sep-2010	29-Sep-2035	Granted	IDEAL Industries Lighting LLC	Light Fixture	
P1688	United States of America	1	DES	29-269,375	09-Apr-2010						Abandoned	IDEAL Industries Lighting LLC	Light Fixture (Wall Pack Eagle with Fins Front-to-Back) (Design)	
P1689	United States of America	1	DES	29-269,378	09-Apr-2010						Abandoned	IDEAL Industries Lighting LLC	Light Fixture with Fins Across (Wall Pack Eagle with Fins Side-to-Side) (Design)	
P1690	United States of America	1	DES	29-269,368	23-Aug-2010						Abandoned	IDEAL Industries Lighting LLC	Light Fixture with a Filer Petzen (Design)	
P1691	Patent Cooperation Treaty		ORD	PCT/US11/50558	08-Sep-2011						Inactive	IDEAL Industries Lighting LLC	LED Lighting Fixture	
P1691	European Patent Convention		PCT	11824014.2	21-Mar-2013	2614294	17-Jul-2013	2614294	29-Mar-2017	09-Sep-2031	Granted	IDEAL Industries Lighting LLC	LED Lighting Fixture	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LT; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TR
P1691	Australia		PCT	2011299318	13-Mar-2013			2011299318	07-Apr-2016	09-Sep-2031	Granted	IDEAL Industries Lighting LLC	LED Lighting Fixture	
P1691	Canada		PCT	2,810,888	11-Apr-2013	2810888	15-Mar-2012	2,810,888	13-Feb-2018	09-Sep-2031	Granted	IDEAL Industries Lighting LLC	LED Lighting Fixture	
P1691	Mexico		PCT	MXw2013/002578	08-Mar-2013			334345	10-Oct-2014	09-Sep-2031	Granted	IDEAL Industries Lighting LLC	LED Lighting Fixture	
P1691	China (People's Republic)		PCT	201180050817.4	19-Apr-2013	CN103249993A	14-Aug-2013	ZL201180050817.4	23-Nov-2016	09-Sep-2031	Granted	IDEAL Industries Lighting LLC	LED Lighting Fixture	
P1691	United States of America	2	ODN	13919,327	17-Jun-2013	US 2013/0279187 A1	24-Oct-2013	8,783,913	22-Jul-2014	07-Sep-2030	Granted	IDEAL Industries Lighting LLC	LED Lighting Fixture	
P1691	United States of America	3	ODN	14318,430	27-Jun-2014	US2014-0207438	16-Oct-2014	9,488,362	08-Nov-2016	07-Sep-2030	Granted	IDEAL Industries Lighting LLC	LED Lighting Fixture	
P1691	Netherlands		EPP	11824014.2	08-Sep-2011	2614294	17-Jul-2013	2614294	29-Mar-2017	09-Sep-2031	Granted	IDEAL Industries Lighting LLC	LED Lighting Fixture	
P1691	United States of America	1	FRI	12878,817	07-Sep-2010	US 2012/0057251	08-Mar-2012	8,465,178	18-Jun-2013	26-Jan-2031	Granted	IDEAL Industries Lighting LLC	LED Lighting Fixture	
P1691	Germany		EPP	11824014.2	08-Sep-2011	2614294	17-Jul-2013	2614294	29-Mar-2017	09-Sep-2031	Granted	IDEAL Industries Lighting LLC	LED Lighting Fixture	
P1692	Mexico		PCT	MXw2013/002577	08-Mar-2013						Abandoned	IDEAL Industries Lighting LLC	LED Lighting Fixture	
P1692	United Kingdom		EPP	11824015.9	08-Sep-2011	2613971	17-Jul-2013	2613971	23-Nov-2016	09-Sep-2031	Granted	IDEAL Industries Lighting LLC	LED Lighting Fixture	
P1692	China (People's Republic)		PCT	201180050816.X	19-Apr-2013	CN103180174A	28-Jun-2013	ZL201180050816.X	20-Apr-2017	09-Sep-2031	Granted	IDEAL Industries Lighting LLC	LED Lighting Fixture	
P1692	Australia		PCT	2011299319	12-Mar-2013			2011299319	22-Oct-2015	09-Sep-2031	Granted	IDEAL Industries Lighting LLC	LED Lighting Fixture	
P1692	European Patent Convention		PCT	11824015.9	21-Mar-2013	2613971	17-Jul-2013	2613971	23-Nov-2016	09-Sep-2031	Granted	IDEAL Industries Lighting LLC	LED Lighting Fixture	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LT; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TR
P1692	Netherlands		EPP	11824015.9	08-Sep-2011	2613971	17-Jul-2013	2613971	23-Nov-2016	09-Sep-2031	Granted	IDEAL Industries Lighting LLC	LED Lighting Fixture	
P1692	United States of America	1	ORD	12878,828	07-Sep-2010	2012057352	08-Mar-2012	8,851,705	18-Feb-2014	04-Apr-2031	Granted	IDEAL Industries Lighting LLC	LED Lighting Fixture	
P1692	Patent Cooperation Treaty		ORD	PCT/US11/50559	08-Sep-2011						Inactive	IDEAL Industries Lighting LLC	LED Lighting Fixture	
P1692	Canada		PCT	2,810,844	10-Apr-2013	2810844	15-Mar-2012	2,810,844	31-Jul-2018	09-Sep-2031	Granted	IDEAL Industries Lighting LLC	LED Lighting Fixture	
P1692	Germany		EPP	11824015.9	08-Sep-2011	2613971	17-Jul-2013	2613971	23-Nov-2016	09-Sep-2031	Granted	IDEAL Industries Lighting LLC	LED Lighting Fixture	
P1692	United States of America	2	ODN	14167,624	29-Jan-2014	20140146540	29-May-2014	9,243,793	29-Jan-2016	07-Sep-2030	Granted	IDEAL Industries Lighting LLC	LED Illuminated	
P1693	United States of America	1	ORD	12977,282	23-Dec-2010	12977,282	28-Jun-2012	9,105,209	11-Aug-2015	02-Dec-2031	Granted	IDEAL Industries Lighting LLC	LED-Illuminated Sign	
P1694	United States of America	1	DES	29-269,789	15-Apr-2011			0659,281	08-May-2012	08-May-2028	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1694	Australia		DES	14877/2011	14-Oct-2011			330353	10-Nov-2011	14-Oct-2021	Expired	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1694	Canada		DES	142858	12-Oct-2011			142858	07-Aug-2012	07-Aug-2022	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1694	European Community		DES	001930562	12-Oct-2011			001930562	12-Oct-2011	12-Oct-2038	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1694	Mexico		DES	MX/11/003323	13-Oct-2011			38060	01-Feb-2013	13-Oct-2028	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1694	United Kingdom		RPD	9001930620001	12-Oct-2011			9001930620001	12-Oct-2011	12-Oct-2038	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1695	Patent Cooperation Treaty		ORD	PCT/US11/59143	03-Nov-2011						Inactive	IDEAL Industries Lighting LLC	Lighting Fixture with Flow-Through Cooling	
P1695	United States of America	2	ODN	14138,917	20-Dec-2013	20140104840	17-Apr-2014	9,212,811	15-Dec-2015	08-May-2031	Granted	IDEAL Industries Lighting LLC	Lighting Fixture with Flow-Through Cooling	
P1695	United States of America	1	ORD	13101,711	05-May-2011	US 2012/0281409	08-Nov-2012	8,832,213	21-Jan-2014	22-Jul-2031	Granted	IDEAL Industries Lighting LLC	Lighting Fixture with Flow-Through Cooling	
P1695	Netherlands		EPP	11884931.0	03-Nov-2011	2705547	12-Mar-2014	2705547	20-Dec-2017	03-Nov-2031	Granted	IDEAL Industries Lighting LLC	Light Fixture with Flow-Through Cooling	
P1695	European Patent Convention		PCT	11884931.0	30-Oct-2013	2705547	12-Mar-2014	2705547	20-Dec-2017	03-Nov-2031	Granted	IDEAL Industries Lighting LLC	Light Fixture with Flow-Through Cooling	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LT; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TR
P1695	China (People's Republic)		PCT	201180071588.3	11-Dec-2013	CN103868940A	28-Feb-2014	ZL201180071588.3	29-Mar-2017	03-Nov-2031	Granted	IDEAL Industries Lighting LLC	Lighting Fixture with Flow-Through Cooling	
P1695	Germany		EPP	11884931.0	03-Nov-2011	2705547	12-Mar-2014	2705547	20-Dec-2017	03-Nov-2031	Granted	IDEAL Industries Lighting LLC	Light Fixture with Flow-Through Cooling	
P1698	Canada		DES	141528	28-Jul-2011			141528	17-Feb-2012	17-Feb-2032	Granted	IDEAL Industries Lighting LLC	CEILING LIGHTING FIXTURE	

P1698	European Community		DES	001894304	21-Jul-2011			001894304	21-Jul-2011	21-Jul-2009	Granted	IDEAL Industries Lighting LLC	CEILING LIGHTING FIXTURE	
P1698	United States of America	1	DES	29/207,627	19-Jul-2011			D697,587	18-Sep-2012	18-Sep-2008	Granted	IDEAL Industries Lighting LLC	CEILING LIGHTING FIXTURE	
P1698	United Kingdom		RFD	9001894304-0001	21-Jul-2011			9001894304-0001	21-Jul-2011	21-Jul-2009	Granted	IDEAL Industries Lighting LLC	CEILING LIGHTING FIXTURE	
P1697	Canada		DES	141530	26-Jul-2011			141530	23-Feb-2012	23-Feb-2002	Granted	IDEAL Industries Lighting LLC	WALL MOUNT LIGHTING FIXTURE	
P1697	United States of America	1	DES	29/207,629	19-Jul-2011			D697,588	18-Sep-2012	18-Sep-2008	Granted	IDEAL Industries Lighting LLC	WALL MOUNT LIGHTING FIXTURE	
P1697	European Community	1	DES	001894320	21-Jul-2011			001894320-0001	21-Jul-2011	21-Jul-2009	Granted	IDEAL Industries Lighting LLC	WALL MOUNT LIGHTING FIXTURE	
P1697	European Community	2	DES	001894320	21-Jul-2011			001894320-0002	21-Jul-2011	21-Jul-2009	Granted	IDEAL Industries Lighting LLC	WALL MOUNT LIGHTING FIXTURE	
P1697	United Kingdom	1	RFD	9001894320-0001	21-Jul-2011			9001894320-0001	21-Jul-2011	21-Jul-2009	Granted	IDEAL Industries Lighting LLC	WALL MOUNT LIGHTING FIXTURE	
P1697	United Kingdom	2	RFD	9001894320-0002	21-Jul-2011			9001894320-0002	21-Jul-2011	21-Jul-2009	Granted	IDEAL Industries Lighting LLC	WALL MOUNT LIGHTING FIXTURE	
P1698	Canada		DES	141531	26-Jul-2011			141531	12-Jul-2012	12-Jul-2002	Granted	IDEAL Industries Lighting LLC	DIRECTIONAL FLOODLIGHT	
P1698	European Community		DES	001894312	21-Jul-2011			001894312	21-Jul-2011	21-Jul-2009	Granted	IDEAL Industries Lighting LLC	DIRECTIONAL FLOODLIGHT	
P1698	United States of America	1	DES	29/207,630	19-Jul-2011			D672,907	18-Dec-2012	18-Dec-2008	Granted	IDEAL Industries Lighting LLC	DIRECTIONAL FLOODLIGHT	
P1698	United Kingdom		RFD	9001894312-0001	21-Jul-2011			9001894312-0001	21-Jul-2011	21-Jul-2009	Granted	IDEAL Industries Lighting LLC	DIRECTIONAL FLOODLIGHT	
P1699	Canada		DES	141532	26-Jul-2011			141532	11-Jul-2012	11-Jul-2002	Granted	IDEAL Industries Lighting LLC	FLOODLIGHT	
P1699	European Community		DES	001894353-0001	21-Jul-2011			001894353-0001	21-Jul-2011	21-Jul-2009	Granted	IDEAL Industries Lighting LLC	FLOODLIGHT	
P1699	United States of America	1	DCN	29/207,632	19-Jul-2011			D672,930	18-Dec-2012	18-Dec-2008	Granted	IDEAL Industries Lighting LLC	FLOODLIGHT	
P1699	European Community	1	DES	001894353-0002	21-Jul-2011			001894353-0002	21-Jul-2011	21-Jul-2009	Granted	IDEAL Industries Lighting LLC	FLOODLIGHT	
P1699	United Kingdom	1	RFD	9001894353-0002	21-Jul-2011			9001894353-0002	21-Jul-2011	21-Jul-2009	Granted	IDEAL Industries Lighting LLC	FLOODLIGHT	
P1699	United Kingdom		RFD	9001894353-0001	21-Jul-2011			9001894353-0001	21-Jul-2011	21-Jul-2009	Granted	IDEAL Industries Lighting LLC	FLOODLIGHT	
P1700	United States of America	2	CCN	14/263,517	03-Jul-2014	2014-0312791	23-Oct-2014	9,041,302	26-May-2015	18-Sep-2031	Granted	IDEAL Industries Lighting LLC	Solid-State Lighting Apparatus and Methods Using Energy Storage	
P1700	United States of America	1	CCP	13/405,891	27-Feb-2012	US2013/0089547	21-Mar-2013	8,791,841	26-Jul-2014	18-Mar-2032	Granted	IDEAL Industries Lighting LLC	Solid-State Lighting Apparatus and Methods Using Energy Storage	
P1700	Taiwan		ORD	101131404	26-Aug-2012	201320815	18-May-2013	835,774	11-Sep-2016	29-Aug-2032	Abandoned	IDEAL Industries Lighting LLC	Solid-State Lighting Apparatus and Methods Using Energy Storage	
P1700	European Patent Convention		PCT	1263295.8	20-Mar-2014	2745628	25-Jun-2014	2745628	08-Nov-2019	12-Sep-2032	Granted	IDEAL Industries Lighting LLC	Solid-State Lighting Apparatus and Methods Using Energy Storage	AL; AT; BA; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; JP; LI; LU; LV; MA; MC; MD; ME; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TN; TR
P1700	Patent Cooperation Treaty		ORD	PCT/US2012/054888	12-Sep-2012	WO2013/040353	21-Mar-2013				Inactive	IDEAL Industries Lighting LLC	Solid-State Lighting Apparatus and Methods Using Energy Storage	
P1700	China (People's Republic)		PCT	201280054168.X	05-May-2014	CN103916352A	09-Jul-2014	ZL201210054168.X	28-Oct-2016	12-Sep-2032	Granted	IDEAL Industries Lighting LLC	Solid-State Lighting Apparatus and Methods Using Energy Storage	
P1700	Germany		EPP	1263295.8	20-Mar-2014	2745628	25-Jun-2014	6020120055110.0	08-Nov-2019	12-Sep-2032	Granted	IDEAL Industries Lighting LLC	Solid-State Lighting Apparatus and Methods Using Energy Storage	
P1700	Italy		EPP	1263295.8	20-Mar-2014	2745628	25-Jun-2014	50020000009490	08-Nov-2019	12-Sep-2032	Granted	IDEAL Industries Lighting LLC	Solid-State Lighting Apparatus and Methods Using Energy Storage	
P1700	Netherlands		EPP	1263295.8	20-Mar-2014	2745628	25-Jun-2014	2745628	08-Nov-2019	12-Sep-2032	Granted	IDEAL Industries Lighting LLC	Solid-State Lighting Apparatus and Methods Using Energy Storage	
P1701	United States of America	1	ORD	13/468,304	08-May-2012	US2013/0127392	20-May-2013	9,835,891	05-Dec-2017	12-Nov-2033	Granted	IDEAL Industries Lighting LLC	Emergency Lighting Systems and Methods for Solid State Lighting Apparatus	
P1701	Patent Cooperation Treaty		ORD	PCT/US2012/088904	11-Dec-2012	WO2013/090275	20-Jun-2013				Inactive	IDEAL Industries Lighting LLC	Emergency Lighting Systems and Methods for Solid State Lighting Apparatus	
P1701	China (People's Republic)		PCT	201200097930.8	24-Jul-2014						Abandoned	IDEAL Industries Lighting LLC	Emergency Lighting Systems and Methods for Solid State Lighting Apparatus	
P1701	European Patent Convention		PCT	12657535.4	11-Jul-2014	2798216	22-Oct-2014			11-Dec-2032	Published	IDEAL Industries Lighting LLC	Emergency Lighting Systems and Methods for Solid State Lighting Apparatus	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; JP; LI; LU; LV; MA; MC; MD; ME; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TN; TR
P1701	United States of America	0	PRD	61/589,568	12-Dec-2011					12-Dec-2012	Expired	IDEAL Industries Lighting LLC	Emergency Lighting Systems and Methods for Solid State Lighting Apparatus	
P1702	Korea, Republic of		PCT	10-2014-7018789	30-Jun-2014						Abandoned	IDEAL Industries Lighting LLC	Dimming Control for Emergency Lighting Systems	
P1702	European Patent Convention		PCT	1265807.2	10-Jul-2014	2798267	05-Nov-2014	2798267	19-Oct-2022	11-Dec-2032	Granted	IDEAL Industries Lighting LLC	Dimming Control for Emergency Lighting Systems	AL; AT; BA; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; JP; LI; LU; LV; MA; MC; MD; ME; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TN; TR
P1702	China (People's Republic)		PCT	PCT/US2012/098987	24-Jul-2014	CN104081119	01-Oct-2014				Abandoned	IDEAL Industries Lighting LLC	Dimming Control for Emergency Lighting Systems	
P1702	Patent Cooperation Treaty		ORD	PCT/US2012/098987	11-Dec-2012	WO2013/090277	20-Jun-2013				Inactive	IDEAL Industries Lighting LLC	Dimming Control for Emergency Lighting Systems	
P1702	United States of America	1	ORD	13/468,312	08-May-2012	20130147351	13-Jun-2013	9,560,703	31-Jan-2017	11-Aug-2033	Granted	IDEAL Industries Lighting LLC	Dimming Control for Emergency Lighting Systems	
P1702	Germany		EPP	1265807.2	10-Jul-2014	2798267	05-Nov-2014	602012078894.1	19-Oct-2022	11-Dec-2032	Granted	IDEAL Industries Lighting LLC	Dimming Control for Emergency Lighting Systems	
P1702	Netherlands		EPP	1265807.2	10-Jul-2014	2798267	05-Nov-2014	2798267	19-Oct-2022	11-Dec-2032	Granted	IDEAL Industries Lighting LLC	Dimming Control for Emergency Lighting Systems	
P1703	United States of America	1	ORD	13/461,248	01-May-2012	US 2013/0176745	11-Jul-2013	8,998,833	07-Apr-2015	01-May-2032	Granted	IDEAL Industries Lighting LLC	Electrical Connector Apparatus, Lighting Device Positioning Apparatus and Method of Electrically Connecting Apparatus	
P1703	United States of America	0	PRD	61/584,504	09-Jan-2012					09-Jan-2013	Expired	IDEAL Industries Lighting LLC	Electrical Connector Apparatus, Lighting Device Positioning Apparatus and Method of Electrically Connecting Apparatus	
P1704	United States of America	1	ORD	13/662,618	29-Oct-2012	2013-0127353	20-May-2013	8,853,958	07-Oct-2014	29-Oct-2032	Granted	IDEAL Industries Lighting LLC	Driving Circuits for Solid State Lighting Apparatus with High Voltage Components and Related Methods	
P1704	United States of America	0	PRD	61/562,618	22-Nov-2011					22-Nov-2012	Expired	IDEAL Industries Lighting LLC	Driving Circuits for Solid State Lighting Apparatus with High Voltage LED Components and Related Methods	
P1704	Japan		PCT	2014-543507	21-May-2014	2015-503190	29-Jan-2015				Abandoned	IDEAL Industries Lighting LLC	Driving Circuits for Solid State Lighting Apparatus with High Voltage LED Components and Related Methods	
P1704	Patent Cooperation Treaty		ORD	PCT/US2012/65533	16-Nov-2012	WO2013/07800A1	30-May-2013				Inactive	IDEAL Industries Lighting LLC	Driving Circuits for Solid State Lighting Apparatus with High Voltage LED Components and Related Methods	
P1704	China (People's Republic)		PCT	201200095803.8	01-Jul-2014	CN10425716A	03-Sep-2014	ZL201200095803.8	09-Jun-2017	18-Nov-2032	Granted	IDEAL Industries Lighting LLC	Driving Circuits for Solid State Lighting Apparatus with High Voltage LED Components and Related Methods	
P1708	European Patent Convention		PCT	12784104.7	21-Jul-2014	2798913	05-Nov-2014				Abandoned	IDEAL Industries Lighting LLC	Over-Voltage Handling of Lighting Device	

P1708	United States of America	0	PRD	91581,781	30-Dec-2011					30-Dec-2012	Expired	IDEAL Industries Lighting LLC	Over-Temperature Handling of Lighting Device	
P1708	United States of America	1	ORD	13565,220	02-Aug-2012	20130020801	04-Apr-2013	9,713,226	18-Jul-2017	21-Jun-2033	Granted	IDEAL Industries Lighting LLC	Over-voltage handling of lighting device	
P1708	Patent Cooperation Treaty		ORD	PCT/US2012/056203	01-Oct-2012	WO 2013/101520	04-Jul-2013				Inactive	IDEAL Industries Lighting LLC	Over-Voltage Handling of Lighting Device	
P1707	United States of America	1	ORD	13452,122	20-Aug-2012	20130208945	24-Oct-2013	8,851,913	07-Oct-2014	29-Dec-2032	Granted	IDEAL Industries Lighting LLC	Electrical Connector	
P1707	United States of America	2	DIV	14469,042	26-Aug-2014	20140362591	11-Dec-2014	8,944,835	03-Feb-2015	20-Apr-2032	Granted	IDEAL Industries Lighting LLC	Electrical Connector	
P1709	China (People's Republic)		PCT	20120007819.9	23-Jul-2014	CN10420309A	17-Dec-2014	ZL20120007819.9	08-Dec-2017	11-Dec-2032	Granted	IDEAL Industries Lighting LLC	Emergency Lighting Systems Including Bidirectional Boost/Charger Circuits	
P1709	Korea, Republic of		PCT	10-2014-7018100	30-Jun-2014						Abandoned	IDEAL Industries Lighting LLC	Emergency Lighting Systems Including Bidirectional Boost/Charger Circuits	
P1709	United States of America	1	ORD	13468,324	08-May-2012	201301617378	13-Jun-2013	8,883,272	08-Sep-2014	19-Mar-2032	Granted	IDEAL Industries Lighting LLC	Emergency Lighting Systems Including Bidirectional Boost/Charger Circuits	
P1709	Patent Cooperation Treaty		ORD	PCT/US2012/08899	11-Dec-2012	WO2013/090281	20-Jun-2013				Inactive	IDEAL Industries Lighting LLC	Emergency Lighting Systems Including Bidirectional Boost/Charger Circuits	
P1711	United States of America	1	ORD	13453,577	23-Apr-2012	20130770178	04-Jul-2013	9,435,524	08-Sep-2010	09-Nov-2033	Granted	IDEAL Industries Lighting LLC	Liquid Cooled LED Systems	
P1712	Patent Cooperation Treaty		ORD	PCT/US2012/097754	04-Dec-2012	WO2013085899	13-Jun-2013				Inactive	IDEAL Industries Lighting LLC	Lighting Fixture	
P1712	United States of America	0	PRD	91568,471	08-Dec-2011					08-Dec-2012	Expired	IDEAL Industries Lighting LLC	Lighting Fixture	
P1712	United States of America	1	ORD	13949,531	11-Oct-2012	US 2013/0333072	07-Feb-2013	10,274,163	30-Apr-2010	11-Oct-2032	Granted	IDEAL Industries Lighting LLC	Lighting Fixture	
P1712	Germany		PCT	112012005131.9	08-Jun-2014	112012005131	18-Oct-2014				Abandoned	IDEAL Industries Lighting LLC	Lighting Fixture	
P1712	United States of America	2	ODN	16354,209	15-Mar-2019	US2019-0234008	01-Aug-2019	11902442	11-May-2021	07-Mar-2031	Granted	IDEAL Industries Lighting LLC	Lighting Fixture	
P1713	European Community	1-7	DES	002054080	07-Jun-2012			002054080-0007	07-Jun-2012	07-Jun-2037	Granted	IDEAL Industries Lighting LLC	Lighting Fixture	
P1713	China (People's Republic)		DES	201230234100.2	08-Jun-2012			ZL201230234100.2	07-Aug-2018	08-Jun-2023	Granted	IDEAL Industries Lighting LLC	Recessed Lighting Fixture	
P1713	European Community	1-3	DES	002054080	07-Jun-2012			002054080-0003	07-Jun-2012	07-Jun-2037	Granted	IDEAL Industries Lighting LLC	Lighting Fixture	
P1713	European Community	1	DES	002054080	07-Jun-2012			002054080-0001	07-Jun-2012	07-Jun-2037	Granted	IDEAL Industries Lighting LLC	Lighting Fixture	
P1713	European Community	1-10	DES	002054080	07-Jun-2012			002054080-0010	07-Jun-2012	07-Jun-2037	Granted	IDEAL Industries Lighting LLC	Lighting Fixture	
P1713	European Community	1-11	DES	002054080	07-Jun-2012			002054080-0011	07-Jun-2012	07-Jun-2037	Granted	IDEAL Industries Lighting LLC	Lighting Fixture	
P1713	European Community	1-12	DES	002054080	07-Jun-2012			002054080-0012	07-Jun-2012	07-Jun-2037	Granted	IDEAL Industries Lighting LLC	Lighting Fixture	
P1713	European Community	1-13	DES	002054080	07-Jun-2012			002054080-0013	07-Jun-2012	07-Jun-2037	Granted	IDEAL Industries Lighting LLC	Lighting Fixture	
P1713	European Community	1-4	DES	002054080	07-Jun-2012			002054080-0008	07-Jun-2012	07-Jun-2037	Granted	IDEAL Industries Lighting LLC	Lighting Fixture	
P1713	European Community	1-4	DES	002054080	07-Jun-2012			002054080-0004	07-Jun-2012	07-Jun-2037	Granted	IDEAL Industries Lighting LLC	Lighting Fixture	
P1713	European Community	1-8	DES	002054080	07-Jun-2012			002054080-0008	07-Jun-2012	07-Jun-2037	Granted	IDEAL Industries Lighting LLC	Lighting Fixture	
P1713	European Community	1-9	DES	002054080	07-Jun-2012			002054080-0009	07-Jun-2012	07-Jun-2037	Granted	IDEAL Industries Lighting LLC	Lighting Fixture	
P1713	United States of America	1	DES	29408,202	08-Dec-2011			D692,171	22-Oct-2013	22-Oct-2027	Granted	IDEAL Industries Lighting LLC	Lighting Fixture	
P1713	European Community	1-5	DES	002054080	07-Jun-2012			002054080-0005	07-Jun-2012	07-Jun-2037	Granted	IDEAL Industries Lighting LLC	Lighting Fixture	
P1713	United States of America	2	DDV	29458,927	05-Jun-2013			D690,478	28-Jan-2014	28-Jan-2028	Granted	IDEAL Industries Lighting LLC	Lighting Fixture	
P1713	European Community	1-2	DES	002054080	07-Jun-2012			002054080-0002	07-Jun-2012	07-Jun-2037	Granted	IDEAL Industries Lighting LLC	Lighting Fixture	
P1713	United Kingdom	7	RPD	902054080	07-Jun-2012			902054080-0007	07-Jun-2012	07-Jun-2037	Granted	IDEAL Industries Lighting LLC	Lighting Fixture	
P1713	United Kingdom	3	RPD	902054080	07-Jun-2012			902054080-0003	07-Jun-2012	07-Jun-2037	Granted	IDEAL Industries Lighting LLC	Lighting Fixture	
P1713	United Kingdom	1	RPD	902054080	07-Jun-2012			902054080-0001	07-Jun-2012	07-Jun-2037	Granted	IDEAL Industries Lighting LLC	Lighting Fixture	
P1713	United Kingdom	10	RPD	902054080	07-Jun-2012			902054080-0010	07-Jun-2012	07-Jun-2037	Granted	IDEAL Industries Lighting LLC	Lighting Fixture	
P1713	United Kingdom	11	RPD	902054080	07-Jun-2012			902054080-0011	07-Jun-2012	07-Jun-2037	Granted	IDEAL Industries Lighting LLC	Lighting Fixture	
P1713	United Kingdom	12	RPD	902054080	07-Jun-2012			902054080-0012	07-Jun-2012	07-Jun-2037	Granted	IDEAL Industries Lighting LLC	Lighting Fixture	
P1713	United Kingdom	13	RPD	902054080	07-Jun-2012			902054080-0013	07-Jun-2012	07-Jun-2037	Granted	IDEAL Industries Lighting LLC	Lighting Fixture	
P1713	United Kingdom	6	RPD	902054080	07-Jun-2012			902054080-0006	07-Jun-2012	07-Jun-2037	Granted	IDEAL Industries Lighting LLC	Lighting Fixture	
P1713	United Kingdom	4	RPD	902054080	07-Jun-2012			902054080-0004	07-Jun-2012	07-Jun-2037	Granted	IDEAL Industries Lighting LLC	Lighting Fixture	
P1713	United Kingdom	8	RPD	902054080	07-Jun-2012			902054080-0008	07-Jun-2012	07-Jun-2037	Granted	IDEAL Industries Lighting LLC	Lighting Fixture	
P1713	United Kingdom	9	RPD	902054080	07-Jun-2012			902054080-0009	07-Jun-2012	07-Jun-2037	Granted	IDEAL Industries Lighting LLC	Lighting Fixture	
P1713	United Kingdom	5	RPD	902054080	07-Jun-2012			902054080-0005	07-Jun-2012	07-Jun-2037	Granted	IDEAL Industries Lighting LLC	Lighting Fixture	
P1713	United Kingdom	2	RPD	902054080	07-Jun-2012			902054080-0002	07-Jun-2012	07-Jun-2037	Granted	IDEAL Industries Lighting LLC	Lighting Fixture	
P1714	Patent Cooperation Treaty		ORD	PCT/US2013/021053	10-Jan-2013	WO2013/19348	15-Aug-2013				Inactive	IDEAL Industries Lighting LLC	Multiple Panel Troffer-Style Fixture	
P1714	United States of America	1	ORD	13368,217	07-Feb-2012	US2013-0201670-A1	08-Aug-2013	9,777,897	03-Oct-2017	05-Apr-2033	Granted	IDEAL Industries Lighting LLC	Multiple Panel Troffer-Style Fixture	
P1714	European Patent Convention		PCT	13701525.1	15-Aug-2014	2812627	17-Dec-2014	2812627	08-Dec-2017	10-Jan-2033	Granted	IDEAL Industries Lighting LLC	Multiple Panel Troffer-Style Fixture	AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LI, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR
P1714	Germany		EPP	13701525.1	10-Jan-2013	2812627	17-Dec-2014	2812627	08-Dec-2017	10-Jan-2033	Granted	IDEAL Industries Lighting LLC	Multiple Panel Troffer-Style Fixture	

P1715	United States of America	1	ORD	13365180	02-Feb-2012	US2013-0201674	08-Aug-2013	8,670,417	28-Oct-2014	23-Nov-2032	Granted	IDEAL Industries Lighting LLC	Semi-Indirect Aisle Lighting Fixture	
P1716	United States of America	1	ORD	13370252	09-Feb-2012	US2013-0203457 A1	15-Aug-2013	8,905,575	09-Dec-2014	27-May-2032	Granted	IDEAL Industries Lighting LLC	Troffer-Style Lighting Fixture with Specular Reflector	
P1717	United States of America	1	ORD	13443380	10-Apr-2012	US2013-0205751	10-Oct-2013	9,674,322	23-Jan-2016	26-Oct-2033	Granted	IDEAL Industries Lighting LLC	Lensed Troffer-Style Light Fixture	
P1717	Patent Cooperation Treaty		ORD	PCT/US2013/035968	08-Apr-2013	WO2013/155914	17-Oct-2013				Inactive	IDEAL Industries Lighting LLC	Lensed Troffer-Style Light Fixture	
P1718	United States of America	1	ORD	13453364	23-Apr-2012	US 2013-0279191	24-Oct-2013	9,285,399	15-Mar-2016	17-Mar-2033	Abandoned	IDEAL Industries Lighting LLC	Parabolic Troffer-Style Light Fixture	
P1719	United States of America	1	ORD	13453362	23-Apr-2012	2013-0279159	24-Oct-2013	9,488,330	08-Nov-2016	21-Jan-2035	Granted	IDEAL Industries Lighting LLC	Direct Aisle Lighter	
P1720	United States of America	1	ORD	13719788	19-Dec-2012	20140167621	19-Jun-2014	9,913,948	06-Mar-2016	19-Dec-2032	Granted	IDEAL Industries Lighting LLC	Light Fixtures, Systems for Controlling Light Fixtures, and Methods of Controlling Fixtures and Methods of Controlling Lighting Control Systems	
P1720	European Patent Convention		PCT	13821029.9	09-Jun-2015	2936942	28-Oct-2015			17-Dec-2033	Abandoned	IDEAL Industries Lighting LLC	Light Fixtures, Systems for Controlling Light Fixtures, and Methods of Controlling Fixtures and Methods of Controlling Lighting Control Systems	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SK; SM; TR
P1720	China (People's Republic)		PCT	201300073345.3	18-Aug-2015	CN105027679	04-Nov-2015	ZL201300073345.3	09-Feb-2016	17-Dec-2033	Granted	IDEAL Industries Lighting LLC	Lighting Fixtures, Systems for Controlling Lighting Fixtures	
P1720	Patent Cooperation Treaty		ORD	PCT/US13/75777	17-Dec-2013	WO2013/099987	28-Jun-2014				Inactive	IDEAL Industries Lighting LLC	Light Fixtures, Systems for Controlling Light Fixtures, and Methods of Controlling Fixtures and Methods of Controlling Lighting Control Systems	
P1721	United States of America	1	DES	29408204	08-Dec-2011			D710,040	26-Jul-2014	29-Jul-2029	Granted	IDEAL Industries Lighting LLC	Lighting Fixture Lens	
P1721	China (People's Republic)		DES	20123024140.7	08-Jun-2012			ZL20123024140.7	17-Jul-2013	08-Jun-2022	Granted	IDEAL Industries Lighting LLC	Lens for Recessed Lighting Fixture	
P1721	European Community		DES								Inactive	IDEAL Industries Lighting LLC	Lighting Fixture Lens	
P1729	Japan		PCT	20151510381	31-Oct-2014						Abandoned	IDEAL Industries Lighting LLC	Solid State Lighting Apparatus with Electrical Connectors Including Portions of Driver Circuits	
P1729	United States of America	1	FIR	13481384	01-May-2012	2013-0294109	07-Nov-2013	8,757,893	24-Jun-2014	01-Sep-2032	Granted	IDEAL Industries Lighting LLC	Solid State Lighting Apparatus with Electrical Connectors Including Portions of Driver Circuits	
P1729	United States of America	2	DDN	14279322	19-May-2014	US2014-0248978	04-Sep-2014	9,750,108	29-Aug-2017	29-Sep-2032	Granted	IDEAL Industries Lighting LLC	Solid State Lighting Apparatus with Electrical Connectors Including Portions of Driver Circuits	
P1729	United States of America	3	DDN	15989168	28-Jul-2017	20170325311	09-Nov-2017	10,531,535	07-Jan-2020	01-May-2032	Granted	IDEAL Industries Lighting LLC	Solid State Lighting Apparatus with Electrical Connectors Including Portions of Driver Circuits	
P1729	Patent Cooperation Treaty		ORD	PCT/US2013/038050	30-Apr-2013	WO2013/186306	07-Nov-2013				Inactive	IDEAL Industries Lighting LLC	Solid State Lighting Apparatus with Electrical Connectors Including Portions of Driver Circuits	
P1729	China (People's Republic)		PCT	201300030467.4	10-Dec-2014	CN104394580A	18-Feb-2015				Abandoned	IDEAL Industries Lighting LLC	Solid State Lighting Apparatus with Electrical Connectors Including Portions of Driver Circuits	
P1721	United States of America	1	ORD	13902364	04-Sep-2012	20140063837	08-Mar-2014	9,997,398	04-Aug-2015	13-Apr-2033	Granted	IDEAL Industries Lighting LLC	LED Based Lighting System	
P1732	United States of America	0	PRD	81584392	08-Jun-2012					08-Jun-2013	Expired	IDEAL Industries Lighting LLC	Mounting System for Recessed Light Installation into Existing Light Fixtures	
P1732	United States of America	1	ORD	13484745	04-May-2012	2013-0178716	11-Jul-2013	10,544,925	28-Jan-2020	04-May-2032	Granted	IDEAL Industries Lighting LLC	Mounting System for Recessed Light Installation into Existing Light Fixtures	
P1732	United States of America	2	DDN	16760327	23-Jan-2020	20200150315	21-May-2020	11,408,589	09-Aug-2022	04-May-2032	Granted	IDEAL Industries Lighting LLC	Mounting System for Recessed Light Installation into Existing Light Fixtures	
P1734	European Community	1-3	DES	002057604	14-Jun-2012			002057604-0003	14-Jun-2012	14-Jun-2037	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1734	New Zealand		DES	416419	20-Jun-2012			416419	17-Jul-2013	22-Dec-2028	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1734	Korea, Republic of		DES	30-2012-0030572	22-Jun-2012			30-0124146	02-Jan-2014	02-Jan-2028	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1734	Australia	3	DES	129192012	21-Jun-2012			343391	18-Jul-2012	21-Jun-2022	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1734	Australia		DES	129172012	21-Jun-2012			343392	18-Jul-2012	21-Jun-2022	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1734	China (People's Republic)		DES	20123026835.6	21-Jun-2012			ZL20123026835.6	24-Jul-2013	21-Jun-2022	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1734	European Community	1-2	DES	002057604	14-Jun-2012			002057604-0002	14-Jun-2012	14-Jun-2037	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1734	Hong Kong		DES	1201152/0M001	14-Jun-2012			1201152/0M001	14-Jun-2012	14-Jun-2037	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1734	Hong Kong	2	DES	1201152/0M002	14-Jun-2012			1201152/0M002	14-Jun-2012	14-Jun-2037	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1734	Hong Kong	3	DES	1201152/0M003	14-Jun-2012			1201152/0M003	14-Jun-2012	14-Jun-2037	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1734	Australia	2	DES	129192012	21-Jun-2012			343390	18-Jul-2012	21-Jun-2022	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1734	United States of America	1	DES	29408434	22-Dec-2011			D694,452	28-Nov-2013	28-Nov-2027	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1734	European Community	1	DES	002057604	14-Jun-2012			002057604-0001	14-Jun-2012	14-Jun-2037	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1734	New Zealand	3	DES	417720	20-Jun-2013			417720	20-Sep-2013	22-Dec-2028	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1734	Canada		DES	148008	11-Jun-2012			148008	01-Aug-2013	01-Aug-2023	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1734	Singapore	3	DES	D2012719F	21-Jun-2012			D2012719F	21-Jun-2012	21-Jun-2027	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1734	Taiwan	2	DDV	10205450	13-Jun-2012			D167340	21-Apr-2015	13-Jun-2024	Abandoned	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1734	New Zealand	2	DES	417719	20-Jun-2013			417719	20-Sep-2013	22-Dec-2028	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1734	Singapore		DES	D2012719F	21-Jun-2012			D2012719F	21-Jun-2012	21-Jun-2027	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1734	Singapore	2	DES	D2012719B	21-Jun-2012			D2012719B	21-Jun-2012	21-Jun-2027	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1734	Korea, Republic of	2	DDV	30-2013-0030351	30-Jul-2013			30-0724146-01	20-Apr-2014	02-Jan-2028	Abandoned	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1734	United Kingdom	3	RFD	902057604	14-Jun-2012			902057604-0003	14-Jun-2012	14-Jun-2037	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1734	United Kingdom	2	RFD	902057604	14-Jun-2012			902057604-0002	14-Jun-2012	14-Jun-2037	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1734	United Kingdom	1	RFD	902057604	14-Jun-2012			902057604-0001	14-Jun-2012	14-Jun-2037	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1734	Taiwan		DES	101303381	13-Jun-2012			D169355	01-May-2014	13-Jun-2024	Abandoned	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	

P1734	Korea, Republic of	3	DDV	30-2013-003952	30-Jul-2013			30-072146-02	28-Apr-2014	02-Jan-2029	Abandoned	IDEAL Industries Lighting LLC	LIGHTING FIXTURE
P1734	Taiwan	3	DDV	10205451	13-Jun-2012			D167344	21-Apr-2015	13-Jun-2024	Abandoned	IDEAL Industries Lighting LLC	LIGHTING FIXTURE
P1734	Mexico		DES	MO/12/1701818	15-Jun-2012			39169	02-Jul-2013	15-Jun-2027	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE
P1735	United Kingdom		FRD	902055442	11-Jun-2012			902055442-0001	11-Jun-2012	11-Jun-2027	Granted	IDEAL Industries Lighting LLC	ADJUSTMENT BAR FOR LIGHTING FIXTURE
P1735	United States of America	1	DES	29409_439	22-Dec-2011			D681_899	07-May-2013	07-May-2027	Granted	IDEAL Industries Lighting LLC	ADJUSTMENT BAR FOR LIGHTING FIXTURE
P1735	Hong Kong		DES	1201153.8	14-Jun-2012			1201153.8	14-Jun-2012	14-Jun-2027	Granted	IDEAL Industries Lighting LLC	ADJUSTMENT BAR FOR LIGHTING FIXTURE
P1735	Canada		DES	148113	14-Jun-2012			148113	24-Feb-2014	24-Feb-2024	Granted	IDEAL Industries Lighting LLC	ADJUSTMENT BAR FOR LIGHTING FIXTURE
P1735	China (People's Republic)		DES	201230285624.8	21-Jun-2012			2,201230285624.8	04-Sep-2013	21-Jun-2022	Granted	IDEAL Industries Lighting LLC	ADJUSTMENT BAR FOR LIGHTING FIXTURE
P1735	Australia		DES	129192012	21-Jun-2012			342393	18-Jul-2012	21-Jun-2022	Granted	IDEAL Industries Lighting LLC	ADJUSTMENT BAR FOR LIGHTING FIXTURE
P1735	European Community		DES	002055442	11-Jun-2012			002055442-0001	11-Jun-2012	11-Jun-2027	Granted	IDEAL Industries Lighting LLC	ADJUSTMENT BAR FOR LIGHTING FIXTURE
P1735	Korea, Republic of		DES	30-2012-003953	22-Jun-2012			30-0750901	27-Jun-2014	27-Jun-2029	Abandoned	IDEAL Industries Lighting LLC	ADJUSTMENT BAR FOR LIGHTING FIXTURE
P1735	New Zealand		DES	416418	20-Jun-2012			416418	17-Jul-2013	22-Dec-2028	Granted	IDEAL Industries Lighting LLC	ADJUSTMENT BAR FOR LIGHTING FIXTURE
P1735	Taiwan		DES	101033382	13-Jun-2012			D1559396	11-Mar-2014	15-Jun-2024	Abandoned	IDEAL Industries Lighting LLC	ADJUSTMENT BAR FOR LIGHTING FIXTURE
P1735	Mexico		DES	MO/12/1701815	15-Jun-2012			39168	02-Jul-2013	15-Jun-2027	Granted	IDEAL Industries Lighting LLC	ADJUSTMENT BAR FOR LIGHTING FIXTURE
P1735	Singapore		DES	D2012/119E	21-Jun-2012			D2012/119E	21-Jun-2012	21-Jun-2027	Granted	IDEAL Industries Lighting LLC	ADJUSTMENT BAR FOR LIGHTING FIXTURE
P1738	China (People's Republic)		ORD	201310381909.1	28-Aug-2013						Abandoned	IDEAL Industries Lighting LLC	LIGHTING DEVICE INCLUDING SPATIALLY SEGREGATED LUMPHOR AND REFLECTOR ARRANGEMENT
P1738	United States of America	1	ORD	13598_705	28-Aug-2012	US 2014/0963739	08-Mar-2014	9,388,947	12-Jul-2016	05-Sep-2032	Granted	IDEAL Industries Lighting LLC	LIGHTING DEVICE INCLUDING SPATIALLY SEGREGATED LUMPHOR AND REFLECTOR ARRANGEMENT
P1737	United States of America	1	DES	29410_481	09-Jun-2012			D691_780	15-Oct-2013	15-Oct-2027	Granted	IDEAL Industries Lighting LLC	Light Fixture
P1738	United States of America	1	ORD	13565_272	02-Aug-2012	US 2013/0302602	04-Apr-2013	9,137,873	15-Sep-2015	08-Jun-2032	Granted	IDEAL Industries Lighting LLC	Overcurrent Handling for a Lighting Device
P1738	Patent Cooperation Treaty		ORD	PCT/US2012/056259	01-Oct-2012	WO 2013/052415	11-Apr-2013				Inactive	IDEAL Industries Lighting LLC	Overcurrent Handling for a Lighting Device
P1738	United States of America	0	PRD	91598_462	13-Jan-2012					13-Jan-2013	Expired	IDEAL Industries Lighting LLC	Overcurrent Handling for a Lighting Device
P1739	United States of America	1	ORD	13749_789	25-Jan-2013	20130194820	01-Aug-2013	9,512,977	06-Dec-2016	25-Jan-2033	Granted	IDEAL Industries Lighting LLC	Reduced Contrast LED Lighting System
P1739	United States of America	0	PRD	91590_870	28-Jan-2012					28-Jan-2013	Expired	IDEAL Industries Lighting LLC	Reduced Contrast LED Lighting System
P1743	United States of America	1	ORD	13624_268	21-Sep-2012	2014-0394801	27-Mar-2014	9,781,782	03-Oct-2017	29-Jan-2036	Granted	IDEAL Industries Lighting LLC	Active Current Limiting for Lighting Apparatus
P1755	United States of America	1	ORD	13478_259	21-May-2012	US2013-0307415	21-Nov-2013	9,374,658	21-Jun-2016	29-Apr-2035	Granted	IDEAL Industries Lighting LLC	Solid State Lighting Apparatus and Methods Using Switched Energy Storage
P1756	Patent Cooperation Treaty		ORD	PCT/US2013/057712	30-Aug-2013	WO2014/038405	13-Mar-2014				Inactive	IDEAL Industries Lighting LLC	Lamp with Remote LED Light Source and Heat Dissipating Elements
P1756	United States of America	1	ORD	13607_300	07-Sep-2012	US2013-0113358	08-May-2013	9,234,855	12-Jan-2016	08-Feb-2032	Granted	IDEAL Industries Lighting LLC	Lamp with Remote LED Light Source and Heat Dissipating Elements
P1756	European Patent Convention		PCT	13762957.2	01-Apr-2015						Abandoned	IDEAL Industries Lighting LLC	Lamp with Remote LED Light Source and Heat Dissipating Elements
P1757	European Patent Convention		PCT	13754378.5	17-Sep-2014						Abandoned	IDEAL Industries Lighting LLC	LENS FOR PRIMARILY ELONGATE LIGHT DISTRIBUTION
P1757	United States of America	1	ORD	13408_882	26-Feb-2012	US 2013/0223960 A1	29-Aug-2013	9,541,257	10-Jan-2017	10-Jan-2033	Granted	IDEAL Industries Lighting LLC	LENS FOR PRIMARILY ELONGATE LIGHT DISTRIBUTION
P1757	Patent Cooperation Treaty		ORD	PCT/US2013/028228	28-Feb-2013	WO2013/120742	08-Sep-2013				Inactive	IDEAL Industries Lighting LLC	LENS FOR PRIMARILY ELONGATE LIGHT DISTRIBUTION
P1758	United States of America	1	CIP	13548_099	11-Jul-2012	US2013/0302157	03-Jan-2013	8,791,842	20-Jul-2014	28-May-2031	Granted	IDEAL Industries Lighting LLC	Semiconductor Light Emitting Devices Having Selectable And/Or Adjustable Color Points and Related Methods
P1758	United States of America	2	DDN	14300_293	10-Jun-2014	20150002034	01-Jan-2015	9,006,986	14-Apr-2015	03-Mar-2021	Granted	IDEAL Industries Lighting LLC	Semiconductor Light Emitting Devices Having Selectable And/Or Adjustable Color Points and Related Methods
P1761	United States of America	1	ORD	13620_703	14-Mar-2013	US2014-0295988	16-Sep-2014	9,173,259	27-Oct-2015	18-Jan-2034	Granted	IDEAL Industries Lighting LLC	Lighting Apparatus Including a Current Bleeder Module for Sinking Current During Dimming of the Lighting Apparatus and Methods of Operating the Same
P1765	Patent Cooperation Treaty		ORD	PCT/US2013/035403	05-Apr-2013	WO2013/154602	17-Oct-2013				Inactive	IDEAL Industries Lighting LLC	Gas Cooled LED Lamp
P1765	United States of America	3	DDN	13781_844	01-Mar-2013	20130271990	17-Oct-2013	8,752,983	17-Jun-2014	13-Apr-2032	Granted	IDEAL Industries Lighting LLC	Gas Cooled LED Lamp
P1765	United States of America	2	CIP	13487_870	09-May-2012	20130271987	17-Oct-2013	9,382,543	28-Apr-2016	25-Mar-2034	Granted	IDEAL Industries Lighting LLC	Gas Cooled LED Lamp
P1765	China (People's Republic)		PCT	2013800312967	12-Dec-2014	CN104412038	11-Mar-2015				Abandoned	IDEAL Industries Lighting LLC	Gas Cooled LED Lamp
P1765	European Patent Convention		PCT	13718151.9	05-Nov-2014	2836785	18-Feb-2015				Abandoned	IDEAL Industries Lighting LLC	Gas Cooled LED Lamp
P1765	United States of America	0	PRD	91670_666	12-Jul-2012					12-Jul-2013	Expired	IDEAL Industries Lighting LLC	Gas Cooled LED Lamp
P1765	United States of America	4	CIP	13774_193	22-Feb-2013	20130271989	17-Oct-2013	8,757,839	24-Jun-2014	22-Feb-2033	Granted	IDEAL Industries Lighting LLC	Gas Cooled LED Lamp
P1765	United States of America	5	DIV	14288_003	02-May-2014	20140293794	28-Aug-2014	9,353,937	31-May-2016	22-Feb-2033	Granted	IDEAL Industries Lighting LLC	Gas Cooled LED Lamp
P1765	United States of America	6	REI	15904_789	26-Feb-2016			RE48489	30-Mar-2021	13-Apr-2032	Granted	IDEAL Industries Lighting LLC	Gas Cooled LED Lamp
P1765	United States of America	1	ORD	13446_759	13-Apr-2012	20130271972	17-Oct-2013	9,395,051	19-Jul-2016	25-Sep-2032	Granted	IDEAL Industries Lighting LLC	Gas Cooled LED Lamp
P1765	Taiwan		ORD	102113099	12-Apr-2013	201402991	16-Jan-2014				Abandoned	IDEAL Industries Lighting LLC	Gas Cooled LED Lamp
P1770	United States of America	1	DES	29419_444	27-Apr-2012			D700_387	25-Feb-2014	25-Feb-2028	Granted	IDEAL Industries Lighting LLC	Lighting Assembly
P1771	United States of America	1	CIP	13787_727	09-Mar-2013	2013-0250579-A1	26-Sep-2013	9,310,028	12-Apr-2016	18-Jun-2033	Granted	IDEAL Industries Lighting LLC	Light Fixture With Integrated Driver Circuitry
P1771	United States of America	0	PRD	91676_310	28-Jul-2012					28-Jul-2013	Expired	IDEAL Industries Lighting LLC	LED Fixture with Integrated Driver Circuitry

P1771	United States of America	2	ODN	14/71,889	26-May-2015	2015-0252970	15-Sep-2015	10,514,139	24-Dec-2019	09-Mar-2023	Granted	IDEAL Industries Lighting LLC	Light Fixture With Integrated Driver Circuitry	
P1779	United States of America	1	ORD								Combined	IDEAL Industries Lighting LLC	LEDs Distributed to Improve Distribution of Emitted Light (LVX)	
P1780	United States of America	1	ORD	19/58,554	15-Aug-2012	2014-0349557	20-Feb-2014	9,140,441	22-Sep-2015	02-Feb-2023	Granted	IDEAL Industries Lighting LLC	LED DOWNLIGHT	
P1781	United States of America	1	ORD								Inactive	IDEAL Industries Lighting LLC	High Performance LVX	
P1783	United States of America	1	ORD	13/458,468	27-Apr-2012	US 2013/0286646	31-Oct-2013	8,882,311	11-Nov-2014	28-Jul-2022	Granted	IDEAL Industries Lighting LLC	Lens Assembly for Lighting Fixture	
P1783	Patent Cooperation Treaty		ORD	PCT/US2013/038156	25-Apr-2013	WO 2013/163387	31-Oct-2013				Inactive	IDEAL Industries Lighting LLC	Lens Assembly for Lighting Fixture	
P1784	United States of America	0	PRD	61/538,580	19-Sep-2011					19-Sep-2012	Expired	IDEAL Industries Lighting LLC	LED RETROFIT LIGHTING FIXTURE	
P1784	United States of America	1	CIP	19/823,009	19-Sep-2012	US 2013/0250575 A1	28-Sep-2013	9,423,098	23-Aug-2016	13-May-2020	Granted	IDEAL Industries Lighting LLC	LED Lighting Apparatus	
P1784	Patent Cooperation Treaty		ORD	PCT/US2012/6141	19-Sep-2012						Inactive	IDEAL Industries Lighting LLC	LED Lighting Apparatus	
P1785	United Kingdom	2	RFD	9/02043703	18-May-2012			9/02043703-0002	18-May-2012	18-May-2027	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1785	United Kingdom	1	RFD	9/02043703	18-May-2012			9/02043703-0001	18-May-2012	18-May-2027	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1785	China (People's Republic)		DES	2012302040039	28-May-2012			ZL2012302040039	10-Apr-2013	28-May-2022	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1785	Japan	2	DES	2012-12467	28-May-2012			1463474	01-Feb-2013	01-Feb-2023	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1785	Japan		DES	2012-12498	28-May-2012			1463475	01-Feb-2013	01-Feb-2023	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1785	India	2	DES	245594	25-May-2012			245594	25-May-2012	28-Nov-2028	Abandoned	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1785	Hong Kong	2	DES	1201033-4M002	28-May-2012			1201033-4M002	28-May-2012	28-May-2027	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1785	European Community	1,2	DES	002043703	18-May-2012			002043703-0002	18-May-2012	18-May-2027	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1785	Taiwan	2	DOV	102032508	21-May-2012			0159373	11-Mar-2014	21-May-2024	Abandoned	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1785	European Community	1	DES	002043703	18-May-2012			002043703-0001	18-May-2012	18-May-2027	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1785	Australia	2	DES	125392912	28-May-2012			342144	28-Jun-2012	28-May-2022	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1785	Korea, Republic of		DES	30-2012-0028473	29-May-2012			30-3724131	02-Jan-2014	02-Jan-2028	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1785	Canada		DES		24-May-2012			145770	29-Jul-2013	29-Jul-2023	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1785	India		DES	245593	25-May-2012			245593	19-Feb-2013	28-Nov-2028	Abandoned	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1785	Australia		DES	125312912	28-May-2012			943143	28-Jun-2012	28-May-2022	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1785	New Zealand		DES	416300	25-May-2012			416300	28-May-2013	28-Nov-2028	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1785	New Zealand	2	DOV	417832	23-May-2013			417832	03-Oct-2013	28-Nov-2028	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1785	Hong Kong		DES	1201033-4M001	28-May-2012			1201033-4M001	28-May-2012	28-May-2027	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1785	Singapore		DES	D20125565D	24-May-2012			D20125565D	24-May-2012	24-May-2027	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1785	Taiwan		DES	101302888	21-May-2012			0158904	21-Oct-2013	21-May-2024	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1785	United States of America	1	DES	29/407,377	28-Nov-2011			0681,250	30-Apr-2012	30-Apr-2027	Granted	IDEAL Industries Lighting LLC	Lighting Fixture	
P1785	United States of America	2	DOV	29/438,853	04-Dec-2012			0683,878	04-Jun-2013	04-Jun-2027	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1785	South Africa		DES	A2012/00748	25-May-2012			A2012/00748	28-Jan-2013	28-Nov-2028	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURES	
P1785	South Africa	2	DES	A2012/00745	25-May-2012			A2012/00745	24-May-2013	28-Nov-2028	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURES	
P1785	Korea, Republic of	2	DOV	30-2013-004082	02-Aug-2013			30-3757214	11-Aug-2014	11-Aug-2028	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1785	Singapore	2	DES	D20126102J	24-May-2012			D20126102J	24-May-2012	24-May-2027	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1785	Mexico		DES	MX/2012/001598	24-May-2012			39175	03-Jul-2013	24-May-2027	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1788	United States of America	1	ORD	13/441,587	06-Apr-2012	US 2013/0286781 A1	10-Oct-2013	9,121,582	01-Sep-2015	19-Dec-2032	Granted	IDEAL Industries Lighting LLC	LED LIGHT FIXTURE WITH INTER-FIN AIR-FLOW INTERRUPTERS	
P1788	United States of America	2	ODN	14/877,478	02-Apr-2015	2015/0329168	12-Nov-2015	9,879,849	30-Jan-2018	06-Apr-2032	Granted	IDEAL Industries Lighting LLC	LED Light Fixture Having Heat Sink with Fin at Flow-Through Opening	
P1788	European Patent Convention		PCT	13773001.8	14-Oct-2014	2834560	11-Feb-2015	2834560	01-Mar-2017	05-Apr-2033	Granted	IDEAL Industries Lighting LLC	LED Light Fixture with Inter-Fin Air-Flow Interrupters	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; SE; SI; SK; SM; TR
P1788	Germany		EPP	13773001.8	05-Apr-2013	2834560	11-Feb-2015	2834560	01-Mar-2017	05-Apr-2033	Granted	IDEAL Industries Lighting LLC	LED Light Fixture with Inter-Fin Air-Flow Interrupters	
P1788	Patent Cooperation Treaty		ORD	PCT/US13/35444	05-Apr-2013	WO2013/152284	10-Oct-2013				Inactive	IDEAL Industries Lighting LLC	LED Light Fixture Having Heat Sink with Fin at Flow-Through Opening	
P1787	United States of America	1	ORD								Inactive	IDEAL Industries Lighting LLC	Method of Manufacturing Optic	
P1789	Patent Cooperation Treaty		ORD	PCT/US13/35447	05-Apr-2013	WO2013/152288	10-Oct-2013				Inactive	IDEAL Industries Lighting LLC	Project Payton Product including Secondary Optics with Alignment and Other Features on the Molded Part	
P1789	China (People's Republic)		PCT	20130024945.0	09-Nov-2014	CN10421588A	20-Jan-2015			05-Apr-2023	Abandoned	IDEAL Industries Lighting LLC	LED LIGHT FIXTURE WITH FACILITATED LENSING ALIGNMENT AND METHOD OF MANUFACTURE	
P1789	United States of America	1	CIP	13/441,571	06-Apr-2012	US 2012/0281404	08-Nov-2012	9,434,634	02-Aug-2016	02-Dec-2029	Granted	IDEAL Industries Lighting LLC	LED LIGHT FIXTURE WITH FACILITATED LENSING ALIGNMENT AND METHOD OF MANUFACTURE	
P1791	United States of America	2	PRD	61/758,061	29-Jan-2013					29-Jan-2014	Expired	IDEAL Industries Lighting LLC	High Efficiency Lighting Device Including One or More Solid State Light Emitters, and Method of Lighting	
P1791	United States of America	1	ORD	12/004,905	14-Mar-2013	US2014-0078715	20-Mar-2014	9,353,917	31-May-2016	19-Apr-2024	Granted	IDEAL Industries Lighting LLC	High Efficiency Lighting Device Including One or More Solid State Light Emitters, and Method of Lighting	
P1791	United States of America	0	PRD	61/701,027	14-Sep-2012					14-Sep-2013	Expired	IDEAL Industries Lighting LLC	High Efficiency Lighting Device Including One or More Solid State Light Emitters, and Method of Lighting	

P1794	Germany		EPP	13788354.2	27-Oct-2014	2847512	18-Mar-2015	2847512	17-Jul-2019	07-May-2033	Granted	IDEAL Industries Lighting LLC	LENS FOR PREFERENTIAL-SIDE DISTRIBUTION	
P1794	Netherlands		EPP	13788354.2	27-Oct-2014	2847512	18-Mar-2015	2847512	17-Jul-2019	07-May-2033	Granted	IDEAL Industries Lighting LLC	LENS FOR PREFERENTIAL-SIDE DISTRIBUTION	
P1794	United States of America	1	CIP	13468,078	07-May-2012	US 2013/0223092 A1	29-Aug-2013	10,408,429	10-Sep-2019	08-Jan-2034	Granted	IDEAL Industries Lighting LLC	LENS FOR PREFERENTIAL-SIDE DISTRIBUTION	
P1794	Patent Cooperation Treaty		ORD	PCT/US13/38889	07-May-2013						Inactive	IDEAL Industries Lighting LLC	LENS FOR PREFERENTIAL-SIDE DISTRIBUTION	
P1794	China (People's Republic)		PCT	20130024085.3	07-Nov-2014	CN104302971A	21-Jan-2015			07-May-2033	Abandoned	IDEAL Industries Lighting LLC	LENS FOR PREFERENTIAL-SIDE DISTRIBUTION	
P1794	European Patent Convention		PCT	13788354.2	27-Oct-2014	2847512	18-Mar-2015	2847512	17-Jul-2019	07-May-2033	Granted	IDEAL Industries Lighting LLC	LENS FOR PREFERENTIAL-SIDE DISTRIBUTION	AL; AT; BA; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; JP; LI; LU; LV; MA; MC; MD; ME; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TN; TR
P1795	European Patent Convention		PCT	14743280.7	31-Jan-2014	2954252	18-Dec-2015	2954252	22-Aug-2018	31-Jan-2034	Granted	IDEAL Industries Lighting LLC	Solid State Light Emitting Devices Including Adjustable Melatonin Suppression Effects	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LU; LV; MA; MC; MD; ME; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TR
P1795	Patent Cooperation Treaty		ORD	PCT/US2014/014170	31-Jan-2014	WC0914120781	14-Aug-2014				Inactive	IDEAL Industries Lighting LLC	SOLID STATE LIGHT EMITTING DEVICES INCLUDING ADJUSTABLE MELATONIN SUPPRESSION EFFECTS	
P1795	United States of America	2	DDN	14982,688	31-Mar-2015	20150195885	08-Jul-2015	9,991,715	23-May-2017	23-Sep-2033	Granted	IDEAL Industries Lighting LLC	SOLID STATE LIGHT EMITTING DEVICES INCLUDING ADJUSTABLE MELATONIN SUPPRESSION EFFECTS	
P1795	Taiwan		ORD	103102805	05-Feb-2014	201441532	01-Nov-2014	0582238	11-May-2017	05-Feb-2034	Abandoned	IDEAL Industries Lighting LLC	Solid State Light Emitting Devices Including Adjustable Melatonin Suppression Effects	
P1795	Germany		EPP	14743280.7	31-Jan-2014	2954252	18-Dec-2015	2954252	22-Aug-2018	31-Jan-2034	Granted	IDEAL Industries Lighting LLC	Solid State Light Emitting Devices Including Adjustable Melatonin Suppression Effects	
P1795	United States of America	1	ORD	13763,579	08-Feb-2013	2014028914	14-Aug-2014	9,038,746	26-Mar-2015	09-Mar-2033	Granted	IDEAL Industries Lighting LLC	SOLID STATE LIGHT EMITTING DEVICES INCLUDING ADJUSTABLE MELATONIN SUPPRESSION EFFECTS	
P1797	European Patent Convention		PCT	14748475.2	31-Jan-2014	2954955	18-Dec-2015			31-Jan-2034	Abandoned	IDEAL Industries Lighting LLC	Solid State Light Emitting Devices Including Adjustable Scotopic/Photopic Ratio	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LU; LV; MA; MC; MD; ME; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TR
P1797	United States of America	1	FRI	13763,579	08-Feb-2013	2014028514	14-Aug-2014	9,030,103	12-May-2015	29-Apr-2033	Granted	IDEAL Industries Lighting LLC	SOLID STATE LIGHT EMITTING DEVICES INCLUDING ADJUSTABLE SCOTOPIC / PHOTOPIC RATIO	
P1797	Patent Cooperation Treaty		ORD	PCT/US2014/014158	31-Jan-2014	WC0914120780	14-Aug-2014				Inactive	IDEAL Industries Lighting LLC	SOLID STATE LIGHT EMITTING DEVICES INCLUDING ADJUSTABLE SCOTOPIC / PHOTOPIC RATIO	
P1807	United States of America	0	PRD	81919,370	02-Apr-2012					08-Apr-2013	Expired	IDEAL Industries Lighting LLC	Low Profile Lighting Module	
P1807	Patent Cooperation Treaty		ORD	PCT/IB2013/001062	22-May-2013	WO2013150380	10-Oct-2013				Inactive	IDEAL Industries Lighting LLC	Low Profile Lighting Module	
P1807	United States of America	1	ORD	13042,307	15-Mar-2013	2013-0277880	24-Oct-2013	9,054,019	09-Jun-2015	15-Mar-2033	Granted	IDEAL Industries Lighting LLC	Low Profile Lighting Module	
P1807	United States of America	2	DIV	14908,962	27-Apr-2015	2015-0338002	28-Nov-2015	10,288,261	14-May-2019	15-Mar-2033	Granted	IDEAL Industries Lighting LLC	Low Profile Lighting Module	
P1808	United States of America	0	PRD	81980,320	15-Jun-2012					15-Jun-2013	Expired	IDEAL Industries Lighting LLC	Pivot Connector, Power Input Assembly, Electrical Connector Apparatus, and Method of Pivoting Electrically Connecting Apparatus	
P1808	United States of America	1	ORD	13621,475	17-Sep-2012	2013-0337862	19-Dec-2013	9,385,134	28-Apr-2016	30-Nov-2033	Granted	IDEAL Industries Lighting LLC	Pivot Connector, Power Input Assembly, Electrical Connector Apparatus, and Method of Pivoting Electrically Connecting Apparatus	
P1810	United States of America	1	CIP	13441,540	05-Apr-2012	US 2012/0307503	08-Dec-2012	9,255,888	09-Feb-2016	21-Feb-2030	Granted	IDEAL Industries Lighting LLC	MULTI-LENS LED-ARRAY OPTIC SYSTEM	
P1810	Patent Cooperation Treaty		ORD	PCT/US13/35287	04-Apr-2013	WO2013152199	10-Oct-2013				Inactive	IDEAL Industries Lighting LLC	MULTI-LENS LED-ARRAY OPTIC SYSTEM	
P1810	United States of America	2	DDN	14987,199	04-Jan-2016	2016-0119135	28-Apr-2016	9,689,552	27-Jun-2017	29-May-2029	Granted	IDEAL Industries Lighting LLC	MULTI-LENS LED-ARRAY OPTIC SYSTEM	
P1810	Germany		EPP	13772520.6	04-Apr-2013	2834556	11-Feb-2015	2834556	02-Aug-2017	04-Apr-2033	Granted	IDEAL Industries Lighting LLC	Multi-Lens LED-Array Optic System	
P1810	European Patent Convention		PCT	13772520.6	14-Oct-2014	2834556	11-Feb-2015	2834556	02-Aug-2017	04-Apr-2033	Granted	IDEAL Industries Lighting LLC	Multi-Lens LED-Array Optic System	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LU; LV; MA; MC; MD; ME; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TR
P1810	Netherlands		EPP	13772520.6	04-Apr-2013	2834556	11-Feb-2015	2834556	02-Aug-2017	04-Apr-2033	Granted	IDEAL Industries Lighting LLC	Multi-Lens LED-Array Optic System	
P1812	United States of America	1	ORD	13444,588	11-Apr-2012	US 2013/0127003 A1	17-Oct-2013	9,189,983	27-Oct-2015	31-Jan-2033	Granted	IDEAL Industries Lighting LLC	OVERHEAD LIGHT FIXTURE AND RELATED METHOD	
P1812	Patent Cooperation Treaty		ORD	PCT/US12/58284	01-Oct-2012	WO2013154805	17-Oct-2013				Inactive	IDEAL Industries Lighting LLC	OVERHEAD LIGHT FIXTURE AND RELATED METHOD	
P1816	China (People's Republic)		ORD	201301023957.2	10-Apr-2013	CN103429896A	04-Dec-2013	ZL201310123657.2	10-Apr-2013	10-Apr-2033	Granted	IDEAL Industries Lighting LLC	Light Fixture	
P1816	United States of America	0	PRD	81902,482	10-Apr-2012					10-Apr-2013	Expired	IDEAL Industries Lighting LLC	Indirect Linear Fixture	
P1819	United States of America	2	PRD	81705,585	25-Sep-2012					25-Sep-2013	Expired	IDEAL Industries Lighting LLC	Indirect Linear Fixture	
P1816	United States of America	1	ORD	13624,605	15-Mar-2013	US2013-0286807	31-Oct-2013	9,188,290	17-Nov-2015	18-Jan-2034	Granted	IDEAL Industries Lighting LLC	Indirect Linear Fixture	
P1817	United States of America	1	ORD	13630,898	14-Mar-2013	US2014-0298121	16-Sep-2014	9,423,104	23-Aug-2016	13-Feb-2034	Granted	IDEAL Industries Lighting LLC	Linear Solid State Lighting Fixture with Asymmetric Distribution	
P1818	United States of America	1	ORD	13618,388	14-Sep-2012	2014-0077709	20-Mar-2014	9,131,571	08-Sep-2015	15-Jan-2033	Granted	IDEAL Industries Lighting LLC	Solid State Lighting Apparatus and Methods Using Energy Storage with Segment Control	
P1818	China (People's Republic)		PCT	201300055648.7	24-Apr-2015	10482621	05-Aug-2015	ZL201300055648.7	10-May-2017	09-Sep-2033	Granted	IDEAL Industries Lighting LLC	Light Using Energy Storage with Segment Control	
P1818	Patent Cooperation Treaty		ORD	PCT/US2013/058692	09-Sep-2013	2014-043004	20-Mar-2014				Inactive	IDEAL Industries Lighting LLC	Solid State Lighting Apparatus and Methods Using Energy Storage with Segment Control	
P1819	United Kingdom		EPP	13784215.9	28-Nov-2014	2845301	11-Mar-2015	2845301	25-Aug-2021	01-May-2033	Granted	IDEAL Industries Lighting LLC	Driver Circuits for Dimmable Solid State Lighting Apparatus	A; B; FM; F; FK; GD; GG; G; GY; HK; IE; I; KY; MS; NR; SB; SC; SH; SL; TC; TV; VG; VQ; YU
P1819	China (People's Republic)		PCT	201300030488.3	05-Nov-2014	CN104085004A	18-Feb-2015	ZL201300030488.3	19-Jan-2016	01-May-2033	Granted	IDEAL Industries Lighting LLC	Driver Circuits for Dimmable Solid State Lighting Apparatus	
P1819	European Patent Convention		PCT	13784215.9	28-Nov-2014	2845301	11-Mar-2015	2845301	25-Aug-2021	01-May-2033	Granted	IDEAL Industries Lighting LLC	Driver Circuits for Dimmable Solid State Lighting Apparatus	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LU; LV; MA; MC; MD; ME; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TR
P1819	United States of America	1	FRI	13462,388	02-May-2012	20130280135	07-Nov-2013	8,810,144	19-Aug-2014	02-May-2032	Granted	IDEAL Industries Lighting LLC	Driver Circuits for Dimmable Solid State Lighting Apparatus	
P1819	Patent Cooperation Treaty		ORD	PCT/US2013/038908	01-May-2013	WC0913166152	07-Nov-2013				Inactive	IDEAL Industries Lighting LLC	Driver Circuits for Dimmable Solid State Lighting Apparatus	
P1820	United States of America	0	PRD	81624,211	13-Apr-2012					13-Apr-2013	Expired	IDEAL Industries Lighting LLC	ADJUSTABLE LIGHT FIXTURE	
P1820	United States of America	1	ORD	13603,479	15-Mar-2013	2014-0119028	01-May-2014	10,215,378	26-Feb-2019	23-Sep-2034	Granted	IDEAL Industries Lighting LLC	LIGHT FIXTURE	
P1820	Patent Cooperation Treaty		ORD	PCT/US13/38419	12-Apr-2013	WO2013156444	17-Oct-2013				Inactive	IDEAL Industries Lighting LLC	LIGHT FIXTURE	
P1821	United States of America	1	ORD	13780,847	06-Feb-2013	US2014-0217907	07-Aug-2014	9,474,111	18-Oct-2016	22-Sep-2034	Granted	IDEAL Industries Lighting LLC	Solid State Lighting Apparatus Including Separately Driven LED Strips and Methods of Operating the Same	
P1822	Germany		EPP	13782891.7	05-Sep-2013	2893778	15-Jul-2015	2893778	19-Dec-2016	05-Sep-2033	Granted	IDEAL Industries Lighting LLC	Lighting Component with Independent DCC/DC Converters	
P1822	European Patent Convention		PCT	13782891.7	18-Mar-2015	2893778	15-Jul-2015	2893778	19-Dec-2016	05-Sep-2033	Granted	IDEAL Industries Lighting LLC	Lighting Component with Independent DCC/DC Converters	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LU; LV; MA; MC; MD; ME; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TR

P1822	United States of America	1	ORD	13/08/13	07-Sep-2012	2014007010	13-Mar-2014	8,825,800	09-Sep-2014	02-Mar-2003	Granted	IDEAL Industries Lighting LLC	Lighting Component with Independent DC/DC Converters	
P1822	Patent Cooperation Treaty		ORD	PCT/US13/92926	05-Sep-2013	WC0314028978	13-Mar-2014				Inactive	IDEAL Industries Lighting LLC	Lighting Component with Independent DC/DC Converters	
P1823	European Patent Convention		PCT	14/23531.1	12-Oct-2015	2974544	20-Jan-2016	2974544	25-Sep-2016	12-Mar-2004	Granted	IDEAL Industries Lighting LLC	Replaceable Lighting Fixture Components	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LT; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TR
P1823	United States of America	1	ORD	13/081,656	13-Mar-2013	20140285600	18-Sep-2014	9,967,928	08-May-2016	27-May-2034	Granted	IDEAL Industries Lighting LLC	Replaceable Lighting Fixture Components	
P1823	Patent Cooperation Treaty		ORD	PCT/US14/23387	12-Mar-2014	WC0314152465	02-Oct-2014				Inactive	IDEAL Industries Lighting LLC	Replaceable Lighting Fixture Components	
P1823	Germany		EPP	14/23531.1	12-Mar-2014	2974544	20-Jan-2016	2974544	25-Sep-2016	12-Mar-2004	Granted	IDEAL Industries Lighting LLC	Replaceable Lighting Fixture Components	
P1824	Germany		EPP	13735151.6	20-Dec-2014	EP2688181	06-May-2015	632013082007.2	11-Jan-2020	25-Jun-2003	Granted	IDEAL Industries Lighting LLC	Modular Lighting Control	
P1824	Netherlands		EPP	13735151.6	23-Dec-2014	EP2688181	06-May-2015	2888181	11-Jan-2020	25-Jun-2003	Granted	IDEAL Industries Lighting LLC	Modular Lighting Control	
P1824	United States of America	1	ORD	13/589,889	20-Aug-2012	20140001962	02-Jan-2014	10,219,338	26-Feb-2019	28-Feb-2034	Granted	IDEAL Industries Lighting LLC	Modular Lighting Control	
P1824	Patent Cooperation Treaty		ORD	PCT/US13/47662	25-Jun-2013	WC0314028041	09-Jan-2014				Inactive	IDEAL Industries Lighting LLC	Modular Lighting Control	
P1824	European Patent Convention		PCT	13735151.6	20-Dec-2014	EP2688181	06-May-2015	2888181	11-Jan-2020	25-Jun-2003	Granted	IDEAL Industries Lighting LLC	Modular Lighting Control	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LT; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TR
P1824	China (People's Republic)		PCT	201380945128.4	27-Feb-2015	CN104584691	29-Apr-2015	ZL201380045128.4	09-Nov-2016	25-Jun-2003	Granted	IDEAL Industries Lighting LLC	Modular Lighting Control	
P1824	United States of America	0	PRD	61/698,520	01-Jul-2012					01-Jul-2013	Expired	IDEAL Industries Lighting LLC	Modular Lighting Control	
P1825	United Kingdom		RFD	9020137265	16-Nov-2012			9020137265-0001	16-Nov-2012	16-Nov-2007	Granted	IDEAL Industries Lighting LLC	Lamp	
P1825	China (People's Republic)		DES	20120055154.9	16-Nov-2012			ZL20120055154.9	04-Sep-2013	16-Nov-2002	Granted	IDEAL Industries Lighting LLC	Lamp	
P1825	European Community		DES	002137265	16-Nov-2012			002137265-0001	16-Nov-2012	16-Nov-2007	Granted	IDEAL Industries Lighting LLC	Lamp	
P1825	United States of America	1	DES	29/422,277	18-May-2012			D687,579	08-Aug-2013	09-Aug-2007	Granted	IDEAL Industries Lighting LLC	Lamp	
P1830	United States of America	1	ORD	13/742,800	16-Jan-2013	2014-0187758	17-Jul-2014				Abandoned	IDEAL Industries Lighting LLC	POWER SUPPLY WITH INTERFACE AND EMBEDDED CONFIGURATION INFORMATION	
P1832	United States of America	0	PRD	61/644,018	08-May-2012					08-May-2013	Expired	IDEAL Industries Lighting LLC	Dimmable Light Emitting Diode Driver Circuit	
P1832	United States of America	1	ORD	13/598,686	28-Aug-2012	US2013-030310A	14-Nov-2013	6,975,825	10-Mar-2015	03-Jul-2002	Granted	IDEAL Industries Lighting LLC	Light Emitting Diode Driver with Isolated Control Circuits	
P1832	China (People's Republic)		PCT	201380324207.6	07-Nov-2014	CN104232878A	07-Jan-2015				Abandoned	IDEAL Industries Lighting LLC	Light Emitting Diode Driver with Isolated Control Circuits	
P1832	Patent Cooperation Treaty		ORD	PCT/US2013/037168	16-Apr-2013	WC02013186460	14-Nov-2013				Inactive	IDEAL Industries Lighting LLC	Light Emitting Diode Driver with Isolated Control Circuits	
P1835	United Kingdom	1	RFD	9020130807	06-Nov-2012			9020130807-0001	06-Nov-2012	09-Nov-2007	Granted	IDEAL Industries Lighting LLC	LED LENS	
P1835	United Kingdom	2	RFD	9020130807	06-Nov-2012			9020130807-0002	06-Nov-2012	09-Nov-2007	Granted	IDEAL Industries Lighting LLC	LED LENS	
P1835	Canada		DES	148374	05-Nov-2012			148374	30-Oct-2014	30-Oct-2024	Granted	IDEAL Industries Lighting LLC	LED LENS	
P1835	Mexico		DES	MX012012/003348	07-Nov-2012			43402	25-Nov-2013	07-Nov-2007	Granted	IDEAL Industries Lighting LLC	LED LENS	
P1835	Korea, Republic of		DES	30-2012-0053057	07-Nov-2012			30-0741668	28-Apr-2014	28-Apr-2029	Abandoned	IDEAL Industries Lighting LLC	LED LENS	
P1835	Australia		DES	155492012	07-Nov-2012			347538	13-Mar-2013	07-Nov-2002	Granted	IDEAL Industries Lighting LLC	LED LENS	
P1835	Brazil		DES	BR 3020120057574	07-Nov-2012			BR 302012005757.4	22-Mar-2016	07-Nov-2007	Granted	IDEAL Industries Lighting LLC	LED LENS	
P1835	European Community	1	DES	002 130 807	06-Nov-2012			002130807-0001	06-Nov-2012	09-Nov-2007	Granted	IDEAL Industries Lighting LLC	LED LENS	
P1835	China (People's Republic)		DES	20120338428.X	07-Nov-2012			ZL20120338428.X	31-Jul-2013	07-Nov-2002	Granted	IDEAL Industries Lighting LLC	LED LENS	
P1835	New Zealand		DES	418974	07-Nov-2012			418974	25-Feb-2014	07-May-2007	Granted	IDEAL Industries Lighting LLC	LED Lens	
P1835	United States of America	1	DES	29/420,272	07-May-2012			D697,694	14-Jan-2014	14-Jan-2028	Granted	IDEAL Industries Lighting LLC	LED LENS	
P1835	United States of America	2	DDN	29/471,529	06-Nov-2013			D708,387	01-Jul-2014	01-Jul-2028	Granted	IDEAL Industries Lighting LLC	LED LENS	
P1835	European Community	1-2	DES	002130807	06-Nov-2012			002130807-0002	06-Nov-2012	09-Nov-2007	Granted	IDEAL Industries Lighting LLC	LED LENS	
P1838	United States of America	2	DDN	14/703,445	07-Jul-2015	20150340857	28-Nov-2015	10,348,062	09-Jul-2019	03-Jun-2004	Granted	IDEAL Industries Lighting LLC	THERMAL PROTECTION DEVICE	
P1838	United States of America	1	ORD	13/728,761	27-Dec-2012	US2014-0185175	03-Jul-2014	9,165,429	11-Aug-2015	27-Dec-2032	Granted	IDEAL Industries Lighting LLC	THERMAL PROTECTION DEVICE	
P1839	Germany		EPP	1388827.2	01-Jul-2015	2939502	04-Nov-2015	2939502	24-Jul-2019	27-Dec-2033	Granted	IDEAL Industries Lighting LLC	LOW INTENSITY DIMMING CIRCUIT FOR AN LED LAMP AND METHOD OF CONTROLLING AN LED	
P1839	Patent Cooperation Treaty		ORD	PCT/US2013/078076	27-Dec-2013	WC0314106101	02-Jul-2014				Inactive	IDEAL Industries Lighting LLC	LOW INTENSITY DIMMING CIRCUIT FOR AN LED LAMP AND METHOD OF CONTROLLING AN LED	
P1839	United States of America	1	ORD	13/728,860	27-Dec-2012	US2014-0184078	03-Jul-2014	9,961,708	20-May-2017	05-Jul-2023	Granted	IDEAL Industries Lighting LLC	LOW INTENSITY DIMMING CIRCUIT FOR AN LED LAMP AND METHOD OF CONTROLLING AN LED	
P1839	European Patent Convention		PCT	1388827.2	01-Jul-2015	2939502	04-Nov-2015	2939502	24-Jul-2019	27-Dec-2033	Granted	IDEAL Industries Lighting LLC	LOW INTENSITY DIMMING CIRCUIT FOR AN LED LAMP AND METHOD OF CONTROLLING AN LED	AL; AT; BA; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; KH; LI; LT; LU; LV; MA; MC; ME; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TN; TR
P1839	China (People's Republic)		PCT	201380073884X	27-Aug-2015	105191502	23-Dec-2015	ZL201380073884.X	27-Oct-2017	27-Dec-2033	Granted	IDEAL Industries Lighting LLC	Low Intensity Dimming Circuit for an LED Lamp and Method of Controlling an LED	
P1845	Germany		EPP	1474870.6	12-Aug-2015	2954756	16-Dec-2015	2954756	18-Dec-2019	28-Jan-2034	Granted	IDEAL Industries Lighting LLC	LIGHT EMITTING DEVICE (LED) LIGHT FIXTURE CONTROL SYSTEMS AND RELATED METHODS	
P1845	Italy		EPP	1474870.6	12-Aug-2015	2954756	16-Dec-2015	50022000023238	18-Dec-2019	28-Jan-2034	Granted	IDEAL Industries Lighting LLC	LIGHT EMITTING DEVICE (LED) LIGHT FIXTURE CONTROL SYSTEMS AND RELATED METHODS	
P1845	Netherlands		EPP	1474870.6	12-Aug-2015	2954756	16-Dec-2015	2954756	18-Dec-2019	28-Jan-2034	Granted	IDEAL Industries Lighting LLC	LIGHT EMITTING DEVICE (LED) LIGHT FIXTURE CONTROL SYSTEMS AND RELATED METHODS	
P1845	China (People's Republic)		PCT	2014300078971	07-Aug-2015	CN104956996A	21-Oct-2015	ZL201430007897.0	28-Aug-2016	28-Jan-2034	Granted	IDEAL Industries Lighting LLC	LIGHT EMITTING DEVICE (LED) LIGHT FIXTURE CONTROL SYSTEMS AND RELATED METHODS	
P1845	China (People's Republic)	2	DIV	20181048998.5	18-May-2018	108541121	14-Sep-2018	108541121	31-Jan-2020	28-Jan-2034	Granted	IDEAL Industries Lighting LLC	LIGHT EMITTING DEVICE (LED) LIGHT FIXTURE CONTROL SYSTEMS AND RELATED METHODS	
P1845	European Patent Convention		PCT	1474870.6	12-Aug-2015	2954756	16-Dec-2015	2954756	18-Dec-2019	28-Jan-2034	Granted	IDEAL Industries Lighting LLC	LIGHT EMITTING DEVICE (LED) LIGHT FIXTURE CONTROL SYSTEMS AND RELATED METHODS	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LT; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TN; TR

P1845	Korea, Republic of		PCT	10-2015-702397-5	02-Sep-2015			10-2182968	19-Nov-2020	28-Jan-2034	Granted	IDEAL Industries Lighting LLC	LIGHT EMITTING DEVICE (LED) LIGHT FIXTURE CONTROL SYSTEMS AND RELATED METHODS	
P1845	Korea, Republic of	2	D/P	1020187012577	02-May-2018			10-1970145	12-Apr-2019	28-Jan-2034	Abandoned	IDEAL Industries Lighting LLC	LIGHT EMITTING DEVICE (LED) LIGHT FIXTURE CONTROL SYSTEMS AND RELATED METHODS	
P1845	United States of America	1	ORD	13/72,563	08-Feb-2013	US 2014/0225511	14-Aug-2014	9,345,091	17-May-2016	08-Feb-2033	Granted	IDEAL Industries Lighting LLC	LIGHT EMITTING DEVICE (LED) LIGHT FIXTURE CONTROL SYSTEMS AND RELATED METHODS	
P1845	Patent Cooperation Treaty		ORD	PCT/US2014/013325	28-Jan-2014	WO 2014/123721	14-Aug-2014				Inactive	IDEAL Industries Lighting LLC	LIGHT EMITTING DEVICE (LED) LIGHT FIXTURE CONTROL SYSTEMS AND RELATED METHODS	
P1852	United States of America	1	DES	29429,701	15-Aug-2012			0691,318	08-Oct-2013	08-Oct-2027	Granted	IDEAL Industries Lighting LLC	Lighting Fixture	
P1852	Canada		DES	149737	12-Feb-2013			149737	15-Jan-2014	15-Jan-2024	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1852	China (People's Republic)		DES	201330040988.5	18-Feb-2013	CN 302595199.5	02-Oct-2013	ZL201300040988.5	02-Oct-2013	18-Feb-2023	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1853	China (People's Republic)		DES	201330040987.X	18-Feb-2013	CN 302869317.5	18-Dec-2013	ZL201300040987.X	18-Dec-2013	18-Feb-2023	Granted	IDEAL Industries Lighting LLC	MODULE ON A LIGHTING FIXTURE	
P1853	United States of America	1	DES	29429,728	15-Aug-2012			0684,291	11-Jun-2013	11-Jun-2027	Granted	IDEAL Industries Lighting LLC	MODULE ON A LIGHTING FIXTURE	
P1855	United States of America	1	ORD	13828,401	14-Mar-2013	US2014-0205922	18-Sep-2014	9,280,883	15-Mar-2016	17-Jan-2034	Abandoned	IDEAL Industries Lighting LLC	Lighting Apparatus and Methods Using Reconfigurable Dimming Mapping	
P1880	United States of America	0	PRQ	81/773,519	09-Mar-2013					09-Mar-2014	Expired	IDEAL Industries Lighting LLC	Light Modulation of Solid State Lighting for Wide Area Communications	
P1880	United States of America	1	ORD	14/199,586	08-Mar-2014	20140255038	11-Sep-2014	10,142,018	27-Nov-2016	09-Nov-2025	Granted	IDEAL Industries Lighting LLC	Visible Light Communication via Solid State Lighting Devices	
P1880	United States of America	1	ORD	13/781,601	07-Feb-2013	20140219287	07-Aug-2014	9,330,833	03-May-2016	02-Aug-2034	Granted	IDEAL Industries Lighting LLC	Power Supply with Low Electro-Magnetic Interference and Inductor for Power Supply with Low Electro-Magnetic Interference	
P1889	Germany		EPP	1373325.3	23-Dec-2014	EP2688160	08-May-2015	2888160	02-Aug-2020	25-Jun-2033	Granted	IDEAL Industries Lighting LLC	Modular Lighting Control	
P1889	Patent Cooperation Treaty		ORD	PCT/US13/47808	25-Jun-2013	WCO2014030042	09-Jan-2014				Inactive	IDEAL Industries Lighting LLC	Modular Lighting Control	
P1889	China (People's Republic)		PCT	201300045273.1	27-Feb-2015	104782229	15-Jul-2015	ZL201300045273.1	27-Oct-2017	25-Jun-2033	Granted	IDEAL Industries Lighting LLC	Modular Lighting Control for an LED Array	
P1889	European Patent Convention		PCT	1373325.3	23-Dec-2014	EP2688160	08-May-2015	2888160	02-Aug-2020	25-Jun-2033	Granted	IDEAL Industries Lighting LLC	Modular Lighting Control	AI; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TR
P1889	United States of America	1	ORD	13/928,928	20-Aug-2012	20140001972	02-Jan-2014	10,506,678	10-Dec-2019	08-Jul-2033	Granted	IDEAL Industries Lighting LLC	Modular Lighting Control	
P1871	United States of America	1	ORD	13/777,351	26-Feb-2013	US 2014/0229848	28-Aug-2014	9,480,115	25-Oct-2016	31-Jan-2035	Granted	IDEAL Industries Lighting LLC	DYNAMIC LIGHT EMITTING DEVICE (LED) LIGHTING CONTROL SYSTEMS AND RELATED METHODS	
P1873	Germany		EPC	13181100.2	20-Aug-2013	2701463	03-May-2017	602018071912.2	12-Aug-2020	20-Aug-2033	Abandoned	IDEAL Industries Lighting LLC	LOAD SYSTEM HAVING A CONTROL ELEMENT POWERED BY A CONTROL SIGNAL	
P1873	Italy		EPC	13181100.2	20-Aug-2013	2701463	03-May-2017	2701463	12-Aug-2020	20-Aug-2033	Abandoned	IDEAL Industries Lighting LLC	LOAD SYSTEM HAVING A CONTROL ELEMENT POWERED BY A CONTROL SIGNAL	
P1873	European Patent Convention		ORD	13181100.2	20-Aug-2013	2701463	03-May-2017	2701463	12-Aug-2020	20-Aug-2033	Abandoned	IDEAL Industries Lighting LLC	LOAD SYSTEM HAVING A CONTROL ELEMENT POWERED BY A CONTROL SIGNAL	AI; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TR
P1873	United States of America	1	PRI	13/928,882	20-Aug-2012	US2014/0049180	23-Feb-2014	8,922,132	30-Dec-2014	20-Dec-2032	Abandoned	IDEAL Industries Lighting LLC	LOAD SYSTEM HAVING A CONTROL ELEMENT POWERED BY A CONTROL SIGNAL	
P1874	United Kingdom	1	RPO	902184574	10-Jan-2013			9002184574-0001	10-Jan-2013	10-Jan-2038	Granted	IDEAL Industries Lighting LLC	Light Bulb	
P1874	United Kingdom	2	RPO	902184574	10-Jan-2013			9002184574-0002	10-Jan-2013	10-Jan-2038	Granted	IDEAL Industries Lighting LLC	Light Bulb	
P1874	United Kingdom	3	RPO	902184574	10-Jan-2013			9002184574-0003	10-Jan-2013	10-Jan-2038	Granted	IDEAL Industries Lighting LLC	Light Bulb	
P1874	European Community	1	DES	002184574	10-Jan-2013			002184574-0001	10-Jan-2013	10-Jan-2038	Granted	IDEAL Industries Lighting LLC	Light Bulb	
P1874	China (People's Republic)		DES	201330007273.5	11-Jan-2013			ZL201300007273.5	03-Jul-2013	11-Jan-2023	Granted	IDEAL Industries Lighting LLC	Light Bulb	
P1874	European Community	1-2	DES	002184574	10-Jan-2013			002184574-0002	10-Jan-2013	10-Jan-2038	Granted	IDEAL Industries Lighting LLC	Light Bulb	
P1874	European Community	1-3	DES	002184574	10-Jan-2013			002184574-0003	10-Jan-2013	10-Jan-2038	Granted	IDEAL Industries Lighting LLC	Light Bulb	
P1874	Japan	2	DES	2013-000555	15-Jan-2013			1478246	09-Aug-2013	09-Aug-2033	Granted	IDEAL Industries Lighting LLC	Light Bulb	
P1874	Korea, Republic of		DES	30-2013-0001925	11-Jan-2013			30-0765955	23-Sep-2014	23-Sep-2029	Granted	IDEAL Industries Lighting LLC	Light Bulb	
P1874	Korea, Republic of	2	DES	30-2013-0001926	11-Jan-2013			30-0759542	27-Aug-2014	27-Aug-2029	Granted	IDEAL Industries Lighting LLC	Light Bulb	
P1874	Korea, Republic of	3	DES	30-2013-0001927	11-Jan-2013			30-0765566	23-Sep-2014	23-Sep-2029	Granted	IDEAL Industries Lighting LLC	Light Bulb	
P1874	United States of America	1	DES	29428,880	12-Jul-2012			0680,582	04-Feb-2014	04-Feb-2028	Granted	IDEAL Industries Lighting LLC	Light Bulb	
P1874	Japan	3	DES	5562013	15-Jan-2013			1483000	11-Oct-2013	11-Oct-2033	Granted	IDEAL Industries Lighting LLC	Light Bulb	
P1874	Japan		DES	2013-000562	15-Jan-2013			1479823	16-Aug-2013	16-Aug-2033	Granted	IDEAL Industries Lighting LLC	Light Bulb	
P1878	China (People's Republic)		DES	201330040991.2	18-Feb-2013						Abandoned	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1878	United States of America	1	DES	29429,725	15-Aug-2012			0684,290	11-Jun-2013	11-Jun-2027	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1879	China (People's Republic)		DES	201330040988.0	18-Feb-2013	CN 302595195.5	02-Oct-2013	ZL201300040988.0	02-Oct-2013	18-Feb-2023	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1879	United States of America	1	DES	29429,724	15-Aug-2012			0684,289	11-Jun-2013	11-Jun-2027	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1880	United States of America	0	PRQ	81/672,320	16-Jul-2012					16-Jul-2013	Expired	IDEAL Industries Lighting LLC	Lighting Device and Method of Installing Light Emitter	
P1880	United States of America	1	OP	13/628,271	14-Mar-2013	US2013-0205750	10-Oct-2013	9,151,477	09-Oct-2015	03-Feb-2032	Granted	IDEAL Industries Lighting LLC	Lighting Device and Method of Installing Light Emitter	
P1881	Malaysia		ORD	P0201200565	21-Dec-2012						Abandoned	IDEAL Industries Lighting LLC	LED Lamp	
P1881	United States of America	1	ORD	13/783,700	04-Mar-2013	20140175986	28-Jun-2014				Abandoned	IDEAL Industries Lighting LLC	LED Lamp	
P1881	Patent Cooperation Treaty		ORD	PCT/US13/28174	28-Feb-2013	WCO2014038531	28-Jun-2014				Abandoned	IDEAL Industries Lighting LLC	LED Lamp	
P1883	United States of America	1	OP	14/015,801	30-Aug-2013	US2014-0211496	31-Jul-2014	9,291,320	22-Mar-2016	08-Sep-2033	Granted	IDEAL Industries Lighting LLC	Consolidated Troffer	
P1883	Patent Cooperation Treaty		ORD	PCT/US2014/013400	28-Jan-2014	WCO2014120871	07-Aug-2014				Inactive	IDEAL Industries Lighting LLC	Consolidated Troffer	

P1884	United States of America	1	ORD	13682348	14-Mar-2013	US2014-0268602	18-Sep-2014	10,648,643	12-May-2020	14-Mar-2023	Granted	IDEAL Industries Lighting LLC	Door Frame Trailer	
P1885	United States of America	1	ORD	13687463	02-Nov-2012	2014-0125248	08-May-2014	9,763,297	12-Sep-2017	04-Nov-2024	Granted	IDEAL Industries Lighting LLC	Lighting Apparatus and Methods Using Oscillator-Based Dimming Control	
P1888	United Kingdom		RPD	900219343	28-Feb-2013			900219343-0001	28-Feb-2013	28-Feb-2038	Granted	IDEAL Industries Lighting LLC	Lamp	
P1888	China (People's Republic)		DES	201330048245.8	28-Feb-2013			ZL201330048245.8	24-Jul-2013	28-Feb-2023	Granted	IDEAL Industries Lighting LLC	LAMP	
P1888	European Community		DES	002193433	28-Feb-2013			002193433-0001	28-Feb-2013	28-Feb-2038	Granted	IDEAL Industries Lighting LLC	Lamp	
P1888	United States of America	1	DES	29431058	31-Aug-2012			D680,591	20-Aug-2013	20-Aug-2027	Granted	IDEAL Industries Lighting LLC	Lamp	
P1887	United States of America	1	ORD	13681168	31-Aug-2012	20140060389	08-Mar-2014	9,997,303	04-Aug-2015	14-Jun-2023	Granted	IDEAL Industries Lighting LLC	LED based lamp assembly	
P1887	China (People's Republic)		ORD	20131038462.2	30-Aug-2013	CN103872488	28-Mar-2014	2,201,310,388,462.2	12-Apr-2017	30-Aug-2033	Granted	IDEAL Industries Lighting LLC	LED Device and Method of Making a Lamp	
P1888	United States of America	1	ORD	13687421	22-Oct-2012	20140111884	24-Apr-2014	9,134,008	15-Sep-2015	22-Oct-2032	Granted	IDEAL Industries Lighting LLC	Beam Shaping Lens and LED Lighting System Using Same	
P1889	Patent Cooperation Treaty		ORD	PCT/US2014/010131	03-Jan-2014	WO2014/107551	10-Jul-2014				Abandoned	IDEAL Industries Lighting LLC	Lighting Fixture with Integral Circuit Protection	
P1889	United States of America	1	ORD	13734567	04-Jan-2013	US2014-0191600	10-Jul-2014	9,980,358	22-May-2016	09-Mar-2024	Granted	IDEAL Industries Lighting LLC	Lighting Fixture with Integral Circuit Protection	
P1893	United States of America	1	DES	29433362	28-Sep-2012			D691,781	15-Oct-2013	15-Oct-2027	Granted	IDEAL Industries Lighting LLC	LAMP	
P1895	United States of America	1	DES	29431628	10-Sep-2012						Abandoned	IDEAL Industries Lighting LLC	Lamp	
P1895	United States of America	2	DOV	29449729	15-Mar-2013			D699,387	11-Feb-2014	11-Feb-2028	Granted	IDEAL Industries Lighting LLC	Lamp	
P1899	United States of America	1	PRR	13777864	28-Feb-2013	20140206808	28-Aug-2014	11,304,278	12-Apr-2022	18-Jul-2024	Granted	IDEAL Industries Lighting LLC	Glare-Resistive Lighting Apparatus	
P1899	European Patent Convention		PCT	14757378.0	01-Sep-2015	2981633	06-Jan-2016			24-Feb-2034	Withdrawal	IDEAL Industries Lighting LLC	Glare-Resistive Lighting Apparatus	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TR
P1899	Patent Cooperation Treaty		ORD	PCT/US2014/017951	24-Feb-2014	WO2014/133946	04-Sep-2014				Inactive	IDEAL Industries Lighting LLC	Glare-Resistive Lighting Apparatus	
P1903	United States of America	1	ORD	13672582	08-Nov-2012	2014-0128195	08-May-2014	9,484,304	15-Nov-2016	21-Jul-2023	Granted	IDEAL Industries Lighting LLC	Recessed Light Fixture Retrofit Kit	
P1908	United Kingdom	2	RPD	9002187013	19-Feb-2013			9002187013-0002	19-Feb-2013	19-Feb-2038	Granted	Cree HK	Lamp	
P1908	United Kingdom	1	RPD	9002187013	19-Feb-2013			9002187013-0001	19-Feb-2013	19-Feb-2038	Granted	Cree HK	Lamp	
P1908	European Community	1-2	DES	002187013	19-Feb-2013			002187013-0002	19-Feb-2013	19-Feb-2038	Granted	Cree HK	Lamp	
P1908	China (People's Republic)		DES	20133009197.0	18-Mar-2013			ZL20133009197.0	14-Aug-2013	18-Mar-2023	Expired	Cree HK	Lamp	
P1908	European Community	1	DES	002187013	19-Feb-2013			002187013-0001	19-Feb-2013	19-Feb-2038	Granted	Cree HK	Lamp	
P1908	Hong Kong	2	DES	13004118M002	14-Mar-2013			13004118M001	10-Oct-2014	14-Mar-2028	Granted	Cree HK	Lamp	
P1908	United States of America	2	DOV	29470381	21-Oct-2013			D721,845	27-Jan-2015	27-Jan-2028	Granted	IDEAL Industries Lighting LLC	Lamp	
P1908	United States of America	1	DES	29432487	19-Sep-2012			D695,441	10-Dec-2013	10-Dec-2027	Granted	IDEAL Industries Lighting LLC	Lamp	
P1908	Hong Kong		DES	13004118M001	14-Mar-2013			13004118M001	10-Oct-2014	14-Mar-2028	Granted	Cree HK	Lamp	
P1908	United States of America	1	DES	29435772	29-Oct-2012			D701,633	25-Mar-2014	25-Mar-2028	Granted	IDEAL Industries Lighting LLC	Lamp	
P1908	China (People's Republic)		DES	201330142577.2	26-Apr-2013			ZL201330142577.2	18-Jun-2014	26-Apr-2023	Granted	IDEAL Industries Lighting LLC	LAMP	
P1913	Germany		EPP	13051497.1	07-May-2015	2915243	09-Sep-2015	2915243	08-May-2019	29-Oct-2033	Granted	IDEAL Industries Lighting LLC	Power Converter with Bias Voltage Regulation Circuit	
P1913	Patent Cooperation Treaty		ORD	PCT/US2013/067211	29-Oct-2013	WO2014/070708	08-May-2014				Inactive	IDEAL Industries Lighting LLC	Power Converter with Bias Voltage Regulation Circuit	
P1913	European Patent Convention		PCT	13051497.1	07-May-2015	2915243	09-Sep-2015	2915243	08-May-2019	29-Oct-2033	Granted	IDEAL Industries Lighting LLC	Power Converter with Bias Voltage Regulation Circuit	AL; AT; BA; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; JP; LI; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TN; TR
P1913	United States of America	1	ORD	13684895	31-Oct-2012	2014-0119077	01-May-2014	9,203,307	01-Dec-2015	11-Jul-2023	Granted	IDEAL Industries Lighting LLC	Power Converter with Bias Voltage Regulation Circuit	
P1913	China (People's Republic)		PCT	201330094181.8	22-Apr-2015	10463574	12-Aug-2015	ZL201330094181.8	03-Nov-2017	29-Oct-2033	Granted	IDEAL Industries Lighting LLC	Power Converter with Bias Voltage Regulation Circuit	
P1914	United States of America	1	DES	29435087	28-Oct-2012			D704,371	06-May-2014	06-May-2028	Granted	IDEAL Industries Lighting LLC	Lighting Device	
P1914	China (People's Republic)		DES	201330138807.2	25-Apr-2013			ZL201330138807.2	21-Aug-2013	25-Apr-2023	Granted	IDEAL Industries Lighting LLC	Lighting Device	
P1916	Germany		EPP	12857833.3	10-Jul-2014	2792218	22-Oct-2014	602912073225.3	11-Nov-2020	12-Dec-2032	Granted	IDEAL Industries Lighting LLC	Emergency Lighting Devices with LED Strings	
P1916	Netherlands		EPP	12857833.3	10-Jul-2014	2792218	22-Oct-2014	2792218	11-Nov-2020	12-Dec-2032	Granted	IDEAL Industries Lighting LLC	Emergency Lighting Devices with LED Strings	
P1916	European Patent Convention		PCT	12857833.3	10-Jul-2014	2792218	22-Oct-2014	2792218	11-Nov-2020	12-Dec-2032	Granted	IDEAL Industries Lighting LLC	Emergency Lighting Devices with LED Strings	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TN; TR
P1918	United States of America	1	ORD	13678791	14-Nov-2012	US2013-0147397	13-Jun-2013	9,871,404	16-Jan-2018	09-Nov-2022	Granted	IDEAL Industries Lighting LLC	Emergency Lighting Devices with LED Strings	
P1918	Patent Cooperation Treaty		ORD	PCT/US2012/089128	12-Dec-2012	WO2013/090350	20-Jun-2013				Inactive	IDEAL Industries Lighting LLC	Emergency Lighting Devices with LED Strings	
P1917	United States of America	0	PRD	81712585	11-Oct-2012					11-Oct-2013	Expired	IDEAL Industries Lighting LLC	LED Lamp	
P1917	United States of America	1	ORD								Combined	IDEAL Industries Lighting LLC	LED Lamp	
P1918	United Kingdom	1	RPD	9002218993-0001	11-Apr-2013			9002218993-0001	11-Apr-2013	11-Apr-2038	Granted	IDEAL Industries Lighting LLC	Lamp	
P1918	United Kingdom	3	RPD	9002218993-0003	11-Apr-2013			9002218993-0003	11-Apr-2013	11-Apr-2038	Granted	IDEAL Industries Lighting LLC	Lamp	
P1918	United Kingdom	2	RPD	9002218993-0002	11-Apr-2013			9002218993-0002	11-Apr-2013	11-Apr-2038	Granted	IDEAL Industries Lighting LLC	Lamp	
P1918	Korea, Republic of		DES	20-2013-0018954	11-Apr-2013			20-0773948	23-Dec-2014	23-Dec-2028	Granted	IDEAL Industries Lighting LLC	Lamp	
P1918	European Community	1-3	DES	002218993	11-Apr-2013			002218993-0003	11-Apr-2013	11-Apr-2038	Granted	IDEAL Industries Lighting LLC	Lamp	

P1918	European Community	1	DES	00221893	11-Apr-2013			00221893-0001	11-Apr-2013	11-Apr-2038	Granted	IDEAL Industries Lighting LLC	Lamp	
P1918	China (People's Republic)		DES	201330107194.7	11-Apr-2013			ZL201330107194.7	08-Nov-2013	11-Apr-2033	Granted	IDEAL Industries Lighting LLC	Lamp	
P1918	European Community	1-2	DES	00221893	11-Apr-2013			00221893-0002	11-Apr-2013	11-Apr-2038	Granted	IDEAL Industries Lighting LLC	Lamp	
P1918	Japan		DES	2013-008119	11-Apr-2013			1508053	01-Aug-2014	01-Aug-2034	Granted	IDEAL Industries Lighting LLC	LAMP	
P1918	Canada		DES	150537	03-Apr-2013			150537	08-Aug-2014	08-Aug-2034	Granted	IDEAL Industries Lighting LLC	Lamp	
P1918	United States of America	1	DES	29434,209	11-Oct-2012			D710,519	05-Aug-2014	05-Aug-2028	Granted	IDEAL Industries Lighting LLC	Lamp	
P1918	India		DES	252689	10-Apr-2013			252689	06-Feb-2014	11-Oct-2027	Abandoned	IDEAL Industries Lighting LLC	Lamp	
P1923	United States of America	1	ORD	13984,979	31-Oct-2012	2014-0119078	01-May-2014	9,484,805	01-Nov-2010	07-Sep-2033	Granted	IDEAL Industries Lighting LLC	Dual Mode Power Supply Controller with Current Regulation	
P1924	United Kingdom	1	RFD	9002214833	05-Apr-2013			9002214833-0001	04-May-2013	05-Apr-2038	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1924	United Kingdom	2	RFD	9002214833	05-Apr-2013			9002214833-0002	04-May-2013	05-Apr-2038	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1924	European Community	1	DES	002 214 833	05-Apr-2013			002214833-0001	04-May-2013	05-Apr-2038	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1924	Hong Kong		DES	1300592.9	11-Apr-2013			1300592.9	25-Oct-2013	11-Apr-2038	Abandoned	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1924	Australia		DES	11709,2013	11-Apr-2013			348525	16-May-2013	11-Apr-2033	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1924	Canada		DES	150837	09-Apr-2013			150837	08-May-2014	08-May-2024	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1924	China (People's Republic)		DES	201330109225.0	12-Apr-2013			ZL201330109225.0	05-Feb-2014	12-Apr-2023	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1924	Mexico		DES	MX012013000988	10-Apr-2013			41382	28-Apr-2014	10-Apr-2028	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1924	Singapore		DES	D02013487G	10-Apr-2013			D02013487G	11-Jun-2013	10-Apr-2028	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1924	United States of America	1	DES	29434,452	12-Oct-2012			D730,379	01-Jul-2014	01-Jul-2028	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1924	Korea, Republic of		DES	30-2013-0018562	10-Apr-2013			30-077503	19-Dec-2014	19-Dec-2029	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1924	Taiwan		DES	10202958	12-Oct-2012			D161950	21-Jul-2014	12-Oct-2024	Abandoned	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1924	European Community	1-2	DES	002 214 833	05-Apr-2013			002214833-0002	04-May-2013	05-Apr-2038	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1925	United Kingdom		RFD	9002214841	05-Apr-2013			9002214841-0001	04-May-2013	05-Apr-2038	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1925	United Kingdom	2	RFD	9002214841	05-Apr-2013			9002214841-0002	04-May-2013	05-Apr-2038	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1925	Hong Kong		DES	1300593.1	11-Apr-2013			1300593.1	25-Oct-2013	11-Apr-2038	Abandoned	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1925	Taiwan		DES	10202959	10-Apr-2013			D162800	01-Sep-2014	10-Apr-2025	Abandoned	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1925	Canada		DES	150838	09-Apr-2013			150838	08-May-2014	08-May-2024	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1925	China (People's Republic)		DES	201330109242.0	12-Apr-2013			ZL201330109242.0	09-Apr-2014	12-Apr-2023	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1925	European Community		DES	002 214 841	05-Apr-2013			002214841-0001	04-May-2013	05-Apr-2038	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1925	Korea, Republic of		DES	30-2013-0018564	10-Apr-2013			30-077503-00-01	05-Feb-2015	05-Feb-2030	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1925	Singapore		DES	D2013488C	10-Apr-2013			D2013488C	11-Jun-2013	10-Apr-2028	Abandoned	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1925	Australia		DES	11707,2013	11-Apr-2013			348524	16-May-2013	11-Apr-2033	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1925	United States of America	1	DES	29434,454	12-Oct-2012			D730,330	01-Jul-2014	01-Jul-2029	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1925	Mexico		DES	MX012013000987	10-Apr-2013			41469	09-May-2014	10-Apr-2028	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1925	European Community	1-2	DES	002 214 841	05-Apr-2013			002214841-0002	04-May-2013	05-Apr-2038	Granted	IDEAL Industries Lighting LLC	LIGHTING FIXTURE	
P1926	United Kingdom		RFD	900224741	22-Apr-2013			900224741-0001	22-Apr-2013	22-Apr-2038	Granted	IDEAL Industries Lighting LLC	Lamp	
P1926	Japan		DES	2013-008604	17-Apr-2013			1508054	01-Aug-2014	01-Aug-2034	Granted	IDEAL Industries Lighting LLC	Lamp	
P1926	India		DES	250194	17-Apr-2013			250194	15-Jan-2014	22-Oct-2027	Abandoned	IDEAL Industries Lighting LLC	Lamp	
P1926	China (People's Republic)		DES	201330129588.8	22-Apr-2013			ZL201330129588.8	08-Nov-2013	22-Apr-2023	Granted	IDEAL Industries Lighting LLC	Lamp	
P1926	European Community		DES	00224741	22-Apr-2013			00224741-0001	22-Apr-2013	22-Apr-2038	Granted	IDEAL Industries Lighting LLC	Lamp	
P1926	Korea, Republic of		DES	30-2013-0020708	19-Apr-2013			30-075039	26-Aug-2014	26-Aug-2029	Granted	IDEAL Industries Lighting LLC	Lamp	
P1926	United States of America	1	DES	29435,253	22-Oct-2012			D687,580	09-Aug-2013	09-Aug-2027	Granted	IDEAL Industries Lighting LLC	Lamp	
P1926	Canada		DES	150765	18-Apr-2013			150765	08-Aug-2014	08-Aug-2024	Granted	IDEAL Industries Lighting LLC	Lamp	
P1927	United States of America	1	DES								Combined	IDEAL Industries Lighting LLC	LED Bulb with Filament Tower	
P1928	United States of America	1	ORD								Combined	IDEAL Industries Lighting LLC	LED Bulbs with LED Board as Heat Sink	
P1929	Germany		EPP	14702979.3	31-Jul-2015	2943722	18-Nov-2015	602014052462.1	28-Aug-2019	09-Jan-2034	Granted	IDEAL Industries Lighting LLC	Protective Coating for LED Lamp	
P1929	European Patent Convention		PCT	14702979.3	31-Jul-2015	2943722	18-Nov-2015	2943722	28-Aug-2019	09-Jan-2034	Granted	IDEAL Industries Lighting LLC	Protective Coating for LED Lamp	AL; AT; BA; BE; BO; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; KH; LI; LT; LU; LV; MA; MC; MD; ME; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TN; TR
P1929	Patent Cooperation Treaty		ORD	PCT/US14/10792	09-Jan-2014	WC0301411021.1	17-Jul-2014				Inactive	IDEAL Industries Lighting LLC	Protective Coating for LED Lamp	
P1929	China (People's Republic)		PCT	2014801034428	08-Sep-2015	CN105008799	28-Oct-2015	ZL201480103442.8	04-Jan-2019	09-Jan-2034	Granted	IDEAL Industries Lighting LLC	Protective Coating for LED Lamp	

P1929	Taiwan		ORD	103100979	10-Jan-2014	201435261	18-Sep-2014			Abandoned	IDEAL Industries Lighting LLC	Protective Coating for LED Lamp		
P1929	United States of America	1	PR	13732,575	10-Jan-2013	20140191648	10-Jul-2014	9,570,861	14-Feb-2017	29-Oct-2033	Granted	IDEAL Industries Lighting LLC	Protective Coating for LED Lamp	
P1931	United States of America	1	ORD	13982,040	28-Mar-2013	20140292176	02-Oct-2014	9,285,082	15-Mar-2018	28-Mar-2033	Granted	IDEAL Industries Lighting LLC	LED Lamp with LED Board Heat Sink	
P1932	United States of America	1	ORD	13986,064	01-Nov-2012	20140119307	01-May-2014	8,911,105	16-Dec-2014	11-Dec-2032	Granted	IDEAL Industries Lighting LLC	LED Lamp with Shaped Light Distribution	
P1934	United States of America	1	DES	29449,309	14-Mar-2013			0733,247	30-Jun-2015	30-Jun-2029	Granted	IDEAL Industries Lighting LLC	Linear Indirect Asymmetric Light Fixture	
P1935	United States of America	5	ODN	16378,047	09-Apr-2019	US2019-0230324	01-Aug-2019	10,624,162	14-Apr-2020	20-Aug-2032	Granted	IDEAL Industries Lighting LLC	Master/Slave Arrangement for Lighting Fixture Modules	
P1935	China (People's Republic)	2	DIV	201810569729.6	04-Jun-2018	109304994	30-Nov-2018	ZL201810562729.6	19-Jun-2020	17-Dec-2033	Granted	IDEAL Industries Lighting LLC	Master/Slave Arrangement for Lighting Fixture Modules	
P1935	China (People's Republic)		PCT	201300088640.8	18-Jun-2015	104654401	19-Aug-2015	ZL201300088640.8	26-Jun-2018	17-Dec-2033	Granted	IDEAL Industries Lighting LLC	Master/Slave Arrangement for Lighting Fixture Modules	
P1935	European Patent Convention		PCT	13021550.4	10-Jul-2015	2935991	28-Oct-2015	2935991	27-Feb-2019	17-Dec-2033	Granted	IDEAL Industries Lighting LLC	Master/Slave Arrangement for Lighting Fixture Modules	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LT; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TR
P1935	Italy		EPP	13021550.4	17-Dec-2013	2935991	28-Oct-2015	2935991	27-Feb-2019	17-Dec-2033	Granted	IDEAL Industries Lighting LLC	Master/Slave Arrangement for Lighting Fixture Modules	
P1935	Netherlands		EPP	13021550.4	17-Dec-2013	2935991	28-Oct-2015	2935991	27-Feb-2019	17-Dec-2033	Granted	IDEAL Industries Lighting LLC	Master/Slave Arrangement for Lighting Fixture Modules	
P1935	United States of America	3	ODN	19714,350	25-Sep-2017	2018-0014394	11-Nov-2018	10,172,218	01-Jan-2019	20-Aug-2032	Granted	IDEAL Industries Lighting LLC	Master/Slave Arrangement for Lighting Fixture Modules	
P1935	United States of America	4	ODN	15920,315	22-Mar-2016	2018-0220514	02-Aug-2018	10,342,105	02-Jul-2019	20-Aug-2032	Granted	IDEAL Industries Lighting LLC	Relay Device with Automatic Grouping Function	
P1935	Patent Cooperation Treaty		ORD	PCT/US13/75754	17-Dec-2013	WC0014099973	28-Jun-2014				Inactive	IDEAL Industries Lighting LLC	Master/Slave Arrangement for Lighting Fixture Modules	
P1935	Germany		EPP	13021550.4	17-Dec-2013	2935991	28-Oct-2015	2935991	27-Feb-2019	17-Dec-2033	Granted	IDEAL Industries Lighting LLC	Master/Slave Arrangement for Lighting Fixture Modules	
P1935	United States of America	1	DIP	13792,098	01-Mar-2013	20140001959	02-Jan-2014	9,572,228	14-Feb-2017	27-Mar-2034	Granted	IDEAL Industries Lighting LLC	Master/Slave Arrangement for Lighting Fixture Modules	
P1935	United States of America	2	ODN	15416,784	26-Jan-2017	2017-0150584	25-May-2017	9,795,016	17-Oct-2017	20-Aug-2032	Granted	IDEAL Industries Lighting LLC	Master/Slave Arrangement for Lighting Fixture Modules	
P1935	United Kingdom		EPP	13021550.4	17-Dec-2013	2935991	28-Oct-2015	2935991	27-Feb-2019	17-Dec-2033	Granted	IDEAL Industries Lighting LLC	Master/Slave Arrangement for Lighting Fixture Modules	
P1938	Patent Cooperation Treaty		ORD	PCT/US13/75723	17-Dec-2013	WC0014099963	28-Jun-2014				Inactive	IDEAL Industries Lighting LLC	Lighting Fixture for Automated Grouping	
P1938	Japan		PCT	2015-549572	18-Jun-2015	2016-509738	31-Mar-2016	8230484	02-Nov-2017	17-Dec-2033	Granted	IDEAL Industries Lighting LLC	Lighting Fixture for Automated Grouping	
P1938	European Patent Convention		PCT	13014809.3	29-Jun-2015	2935987	28-Oct-2015	2935987	04-Jul-2018	17-Dec-2033	Granted	IDEAL Industries Lighting LLC	Lighting Fixture for Automated Grouping	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LT; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TR
P1938	Germany		EPP	13014809.3	17-Dec-2013	2935987	28-Oct-2015	2935987	04-Jul-2018	17-Dec-2033	Granted	IDEAL Industries Lighting LLC	Lighting Fixture for Automated Grouping	
P1938	United Kingdom		EPP	13014809.3	17-Dec-2013	2935987	28-Oct-2015	2935987	04-Jul-2018	17-Dec-2033	Granted	IDEAL Industries Lighting LLC	Lighting Fixture for Automated Grouping	
P1938	United States of America	1	ORD	13792,092	01-Mar-2013	20140167620	19-Jun-2014	9,155,185	09-Oct-2015	19-Apr-2033	Granted	IDEAL Industries Lighting LLC	Lighting Fixture for Automated Grouping	
P1938	China (People's Republic)		PCT	201300073238.1	18-Aug-2015	104981653	14-Oct-2015	ZL201300073238.1	08-Mar-2019	17-Dec-2033	Granted	IDEAL Industries Lighting LLC	Lighting Fixture for Automated Grouping	
P1938	Korea, Republic of		PCT	10-2015-7019151	15-Jul-2015			10-2032037	25-Oct-2019	17-Dec-2033	Granted	IDEAL Industries Lighting LLC	Lighting Fixture for Automated Grouping	
P1938	Netherlands		EPP	13014809.3	17-Dec-2013	2935987	28-Oct-2015	2935987	04-Jul-2018	17-Dec-2033	Granted	IDEAL Industries Lighting LLC	Lighting Fixture for Automated Grouping	
P1937	United Kingdom		EPP	13014810.1	17-Dec-2013	2935988	28-Oct-2015	2935988	30-Jan-2019	17-Dec-2033	Granted	IDEAL Industries Lighting LLC	Lighting Fixture for Distributed Control	
P1937	Italy		EPP	13014810.1	17-Dec-2013	2935988	28-Oct-2015	2935988	30-Jan-2019	17-Dec-2033	Granted	IDEAL Industries Lighting LLC	Lighting Fixture for Distributed Control	
P1937	Japan		PCT	2015-549574	18-Jun-2015	2016-508050	25-Feb-2016	8377075	03-Aug-2018	17-Dec-2033	Granted	IDEAL Industries Lighting LLC	Lighting Fixture for Distributed Control	
P1937	Patent Cooperation Treaty		ORD	PCT/US13/75729	17-Dec-2013	WC0014099968	28-Jun-2014				Inactive	IDEAL Industries Lighting LLC	Lighting Fixture for Distributed Control	
P1937	United States of America	1	ORD	13792,040	01-Mar-2013	20140001983	02-Jan-2014	9,075,827	10-Mar-2015	18-Dec-2032	Granted	IDEAL Industries Lighting LLC	Lighting Fixture for a Distributed Control	
P1937	United States of America	0	PRD	61738,749	18-Dec-2012					18-Dec-2013	Expired	IDEAL Industries Lighting LLC	Lighting Fixture for Distributed Control	
P1937	Netherlands		EPP	13014810.1	17-Dec-2013	2935988	28-Oct-2015	2935988	30-Jan-2019	17-Dec-2033	Granted	IDEAL Industries Lighting LLC	Lighting Fixture for Distributed Control	
P1937	European Patent Convention		PCT	13014810.1	18-Jun-2015	2935988	28-Oct-2015	2935988	30-Jan-2019	17-Dec-2033	Granted	IDEAL Industries Lighting LLC	Lighting Fixture for Distributed Control	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LT; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TR
P1937	Germany		EPP	13014810.1	17-Dec-2013	2935988	28-Oct-2015	2935988	30-Jan-2019	17-Dec-2033	Granted	IDEAL Industries Lighting LLC	Lighting Fixture for Distributed Control	
P1937	China (People's Republic)		PCT	201300073247.X	18-Aug-2015	104982093	14-Oct-2015	ZL201300073247.X	20-Jul-2018	17-Dec-2033	Granted	IDEAL Industries Lighting LLC	Lighting Fixture for Distributed Control	
P1937	Korea, Republic of		PCT	10-2015-7019152	17-Dec-2013			10-1843907	28-Mar-2018	17-Dec-2033	Granted	IDEAL Industries Lighting LLC	Lighting Fixture for Distributed Control	
P1937	Japan	2	DVP	2016-080788	19-Apr-2016	2018-139217	08-Sep-2018	6841786	22-Feb-2021	17-Dec-2033	Granted	IDEAL Industries Lighting LLC	Lighting Fixture for Distributed Control	
P1938	Patent Cooperation Treaty		ORD	PCT/US13/75737	17-Dec-2013	WC0014099964	28-Jun-2014				Abandoned	IDEAL Industries Lighting LLC	Efficient Routing Tables for Lighting Networks	
P1938	United States of America	1	ORD	13792,053	01-Mar-2013	20140167653	19-Jun-2014	9,155,186	09-Oct-2015	09-Jun-2033	Granted	IDEAL Industries Lighting LLC	Efficient Routing Tables for Lighting Networks	
P1939	European Patent Convention	2	PCT	19173812.9	10-May-2019	3547803	02-Oct-2019	3547803	30-Jun-2021	17-Dec-2033	Granted	IDEAL Industries Lighting LLC	Handheld Device for Communicating with Lighting Fixtures	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LT; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TR
P1939	Germany		EPP	13021549.6	09-Jul-2015	2935990		2935990	31-Jul-2019	17-Dec-2033	Granted	IDEAL Industries Lighting LLC	Handheld Device for Communicating with Lighting Fixtures	
P1939	United Kingdom		EPP	13021549.6	09-Jul-2015	2935990		2935990	31-Jul-2019	17-Dec-2033	Granted	IDEAL Industries Lighting LLC	Handheld Device for Communicating with Lighting Fixtures	AL; BM; FJ; FK; GD; GG; GI; GY; HK; IE; KI; KY; MS; NR; SB; SC; SH; SI; TC; TG; VC; VG; VU
P1939	Netherlands		EPP	13021549.6	09-Jul-2015	2935990		2935990	31-Jul-2019	17-Dec-2033	Granted	IDEAL Industries Lighting LLC	Handheld Device for Communicating with Lighting Fixtures	
P1939	Germany	2	EPP	19173812.9	10-May-2019	3547803	02-Oct-2019	602913076215.6	30-Jun-2021	17-Dec-2033	Granted	IDEAL Industries Lighting LLC	Handheld Device for Communicating with Lighting Fixtures	
P1939	United Kingdom	2	EPP	19173812.9	10-May-2019	3547803	02-Oct-2019	3547803	30-Jun-2021	17-Dec-2033	Granted	IDEAL Industries Lighting LLC	Handheld Device for Communicating with Lighting Fixtures	AL; BM; FJ; FK; GD; GG; GI; GY; HK; IE; KI; KY; MS; NR; SB; SC; SH; SI; TC; TG; VC; VG; VU
P1939	Patent Cooperation Treaty		ORD	PCT/US13/75742	17-Dec-2013	WC0014099968	28-Jun-2014				Inactive	IDEAL Industries Lighting LLC	Handheld Device for Communicating with Lighting Fixtures	

P1939	United States of America	1	ORD	13/782,068	01-Mar-2013	20140167642	19-Jun-2014	9,433,091	30-Aug-2016	01-Mar-2023	Granted	IDEAL Industries Lighting LLC	Handheld Device for Communicating with Lighting Fixtures	
P1939	European Patent Convention		PCT	13021549.8	09-Aug-2015	2935990		2935990	31-Jul-2019	17-Dec-2023	Granted	IDEAL Industries Lighting LLC	Handheld Device for Communicating with Lighting Fixtures	AL; AT; BA; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; JP; LI; LT; LU; LV; MA; MC; MD; ME; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TN; TR
P1939	China (People's Republic)		PCT	201380073301.0	18-Aug-2015	104981958	14-Oct-2015	ZL201380073301.0	28-Aug-2016	17-Dec-2023	Granted	IDEAL Industries Lighting LLC	Handheld Device for Communicating with Lighting Fixtures	
P1940	European Patent Convention		PCT	13818895.8	09-Jul-2013	2935889	28-Oct-2015	2935889	21-Sep-2016	17-Dec-2023	Granted	IDEAL Industries Lighting LLC	Wireless Network Initialization for Lighting Systems	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LT; LU; LV; MA; MC; MD; ME; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TN; TR
P1940	United States of America	1	ORD	13/782,078	01-Mar-2013	20140167622	19-Jun-2014	8,829,821	09-Sep-2014	18-Dec-2022	Granted	IDEAL Industries Lighting LLC	Auto Commissioning Lighting Fixture	
P1940	Germany		EPP	13018095.8	17-Dec-2013	2935889	28-Oct-2015	2935889	21-Sep-2016	17-Dec-2023	Granted	IDEAL Industries Lighting LLC	Wireless Network Initialization for Lighting Systems	
P1940	China (People's Republic)		PCT	201380073252.0	18-Aug-2015	104981955	14-Oct-2015	ZL201380073252.0	20-Jul-2018	17-Dec-2023	Granted	IDEAL Industries Lighting LLC	Auto Commissioning Lighting Fixture	
P1940	Patent Cooperation Treaty		ORD	PCT/US13/75748	17-Dec-2013	WC02014098971	28-Jun-2014				Inactive	IDEAL Industries Lighting LLC	Auto Commissioning Lighting Fixture	
P1942	United States of America	4	DIV	15/229,218	05-Aug-2016	2016-0383289	15-Dec-2016	9,810,379	07-Nov-2017	22-Feb-2023	Granted	IDEAL Industries Lighting LLC	LED Lamp	
P1942	United States of America	0	PRD	81/716,818	22-Oct-2012					22-Oct-2013	Expired	IDEAL Industries Lighting LLC	LED Lamp	
P1942	Taiwan		ORD	102113065	12-Apr-2013	201350728	16-Dec-2013	581,759	11-Dec-2016	12-Apr-2023	Granted	IDEAL Industries Lighting LLC	LED Lamp	
P1942	United States of America	0-2	PRD	81/738,888	18-Dec-2012					18-Dec-2013	Expired	IDEAL Industries Lighting LLC	LED Lamp	
P1942	United States of America	1	ORD								Combined	IDEAL Industries Lighting LLC	LED Lamp	
P1942	United States of America	3	ODN	13/781,847	01-Mar-2013	20130271991	17-Oct-2013	8,591,062	28-Nov-2013	22-Feb-2023	Granted	IDEAL Industries Lighting LLC	LED Lamp	
P1942	Patent Cooperation Treaty		ORD	PCT/US2013/035400	05-Apr-2013	WC02013154031	17-Oct-2013				Inactive	IDEAL Industries Lighting LLC	LED Lamp	
P1942	China (People's Republic)		PCT	201380031303.3	12-Dec-2014	CN104379965	25-Feb-2015	ZL201380031303.3	10-May-2019	06-Apr-2023	Granted	IDEAL Industries Lighting LLC	LED Lamp	
P1942	United States of America	2	DIP	13/774,078	22-Feb-2013	20130271981	17-Oct-2013	9,410,987	09-Aug-2016	29-May-2024	Granted	IDEAL Industries Lighting LLC	LED Lamp with Filament Style Assembly	
P1943	United States of America	2	ODV	29/499,298	14-Aug-2014			0741,539	20-Oct-2015	20-Oct-2026	Granted	IDEAL Industries Lighting LLC	Lamp	
P1943	United States of America	1	DES	29/435,254	22-Oct-2012			0714,971	07-Oct-2014	07-Oct-2028	Granted	IDEAL Industries Lighting LLC	Lamp	
P1944	United States of America	1	ORD								Inactive	IDEAL Industries Lighting LLC	Low-Cost LED Bulb	
P1945	United States of America	1	ORD								Combined	IDEAL Industries Lighting LLC	Directional LED Bulb with inwardly facing LEDs	
P1946	Germany		EPP	14/7481.35.4	16-Jul-2015	2951624	09-Dec-2015	602914057093.0	20-Nov-2019	28-Jan-2024	Granted	IDEAL Industries Lighting LLC	OPTICAL WAVEGUIDES	
P1946	United Kingdom		EPP	14/7481.35.4	16-Jul-2015	2951624	09-Dec-2015	2951624	20-Nov-2019	28-Jan-2024	Granted	IDEAL Industries Lighting LLC	OPTICAL WAVEGUIDES	AL; BA; BF; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; JP; LI; LT; LU; LV; MA; MC; MD; ME; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TN; TR
P1946	Italy		EPP	14/7481.35.4	16-Jul-2015	2951624	09-Dec-2015	50202000016180	20-Nov-2019	28-Jan-2024	Granted	IDEAL Industries Lighting LLC	OPTICAL WAVEGUIDES	
P1946	Netherlands		EPP	14/7481.35.4	16-Jul-2015	2951624	09-Dec-2015	2951624	20-Nov-2019	28-Jan-2024	Granted	IDEAL Industries Lighting LLC	OPTICAL WAVEGUIDES	
P1946	European Patent Convention		PCT	14/7481.35.4	16-Jul-2015	2951624	09-Dec-2015	2951624	20-Nov-2019	28-Jan-2024	Granted	IDEAL Industries Lighting LLC	OPTICAL WAVEGUIDES	AL; AT; BA; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; JP; LI; LT; LU; LV; MA; MC; MD; ME; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TN; TR
P1948	United States of America	1	ORD	13/842,581	15-Mar-2013	US2014-0212090	31-Jul-2014	9,518,095	13-Dec-2016	18-Feb-2024	Granted	IDEAL Industries Lighting LLC	OPTICAL WAVEGUIDES	
P1948	United States of America	2	DIV	15/378,257	12-Dec-2016	US2017-0219762	03-Aug-2017			15-Mar-2023	Abandoned	IDEAL Industries Lighting LLC	OPTICAL WAVEGUIDES	
P1948	Patent Cooperation Treaty		ORD	PCT/US2014/013408	28-Jan-2014	WC02014120872	07-Aug-2014				Inactive	IDEAL Industries Lighting LLC	OPTICAL WAVEGUIDES	
P1948	China (People's Republic)		PCT	201480009872.7	30-Jul-2015	CN105074520	18-Nov-2015	ZL201480009872.7	11-May-2021	28-Jan-2024	Granted	IDEAL Industries Lighting LLC	OPTICAL WAVEGUIDES	
P1947	United States of America	1	DES								Combined	IDEAL Industries Lighting LLC	Directional LED Bulb (MATTIPAR BR30) No Pins	
P1949	United States of America	1	ORD	13/829,558	14-Mar-2013	US2014-0208720	18-Sep-2014	10,594,860	10-Mar-2020	14-Mar-2023	Abandoned	IDEAL Industries Lighting LLC	Linear Light Fixture with Interchangeable Light Engine Unit	
P1950	United States of America	1	DES	29/449,316	14-Mar-2013			0738,026	01-Sep-2015	01-Sep-2029	Granted	IDEAL Industries Lighting LLC	Linear Wrap Light Fixture	
P1951	United States of America	1	ORD	13/740,800	14-Jan-2013	US2014-0197251	17-Jul-2014	8,925,884	09-Jan-2015	14-Jan-2023	Granted	IDEAL Industries Lighting LLC	LIGHT FIXTURE SUPPORT ASSEMBLY	
P1951	European Patent Convention		PCT	14/7381.84.2	15-Jul-2015	2943720	18-Nov-2015	2943720	25-Jul-2018	13-Jan-2024	Granted	IDEAL Industries Lighting LLC	Light Fixture Support Assembly	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LT; LU; LV; MA; MC; MD; ME; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TN; TR
P1951	Patent Cooperation Treaty		ORD	PCT/US2014/011274	13-Jan-2014	WC02014110487	17-Jul-2014				Inactive	IDEAL Industries Lighting LLC	LIGHT FIXTURE SUPPORT ASSEMBLY	
P1951	Italy		EPP	14/7381.84.2	13-Jan-2014	2943720	18-Nov-2015	2943720	25-Jul-2018	13-Jan-2024	Granted	IDEAL Industries Lighting LLC	Light Fixture Support Assembly	
P1951	Germany		EPP	14/7381.84.2	13-Jan-2014	2943720	18-Nov-2015	2943720	25-Jul-2018	13-Jan-2024	Granted	IDEAL Industries Lighting LLC	Light Fixture Support Assembly	
P1952	United States of America	3	DIP	13/808,314	21-May-2013	2014-0128193	08-May-2014	9,441,818	13-Sep-2016	08-Nov-2022	Granted	IDEAL Industries Lighting LLC	Uplight with Suspended Fixture	
P1952	United States of America	1	DIP	13/782,850	01-Mar-2013	2014-0128199	08-May-2014	9,482,398	01-Nov-2016	08-Nov-2022	Granted	IDEAL Industries Lighting LLC	Integrated Linear Light Engine	
P1952	United States of America	2	ODN	13/840,812	15-Mar-2013	2014-0128197	08-May-2014	9,291,316	22-Mar-2016	04-Jan-2023	Granted	IDEAL Industries Lighting LLC	Integrated Linear Light Engine	
P1954	United States of America	2	DIP	13/843,455	16-Jul-2013	US2014-0204571	24-Jul-2014	9,439,249	08-Sep-2016	09-May-2023	Granted	IDEAL Industries Lighting LLC	LED Lighting Apparatus for Use with AC-Output Lighting Ballasts	
P1954	Patent Cooperation Treaty	2	ORD	PCT/US2013/098905	07-Nov-2013	WC02014116329	31-Jul-2014				Inactive	IDEAL Industries Lighting LLC	LED Lighting Apparatus for Use with AC-Output Lighting Ballasts	
P1954	United States of America	1	ORD	13/749,082	24-Jan-2013	US2014-0203714	24-Jul-2014	10,117,295	30-Oct-2016	18-Aug-2025	Granted	IDEAL Industries Lighting LLC	LED Lighting Apparatus for Use with AC-Output Lighting Ballasts	
P1954	European Patent Convention	2	PCT	13873105.4	14-Jul-2015	2949186	02-Dec-2015			07-Nov-2023	Abandoned	IDEAL Industries Lighting LLC	LED Lighting Apparatus for Use with AC-Output Lighting Ballasts	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LT; LU; LV; MA; MC; MD; ME; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TN; TR
P1954	China (People's Republic)	2	PCT	201380071182.9	02-Jul-2015	104980838	23-Sep-2015	ZL201380071182.9	18-Sep-2016	07-Nov-2023	Granted	IDEAL Industries Lighting LLC	LED Lighting Apparatus for Use with AC-Output Lighting Ballasts	
P1954	United States of America	0	PRD	81/040,887	28-Jun-2013					28-Jun-2014	Expired	IDEAL Industries Lighting LLC	LED Lighting Apparatus for Use with AC-Output Lighting Ballasts	
P1955	United States of America	1	ORD	13/742,068	15-Jan-2013	US2014-0197750	17-Jul-2014	10,231,300	12-Mar-2019	15-Jan-2023	Granted	IDEAL Industries Lighting LLC	System and Methods for Controlling Solid State Lighting During Dimming and Lighting Apparatus Incorporating Such Systems	

P1957	United States of America	1	ORD	13785380	12-Mar-2013						Abandoned	IDEAL Industries Lighting LLC	MULTIPLE POWER OUTPUTS GENERATED FROM A SINGLE CURRENT SOURCE	
P1960	Patent Cooperation Treaty		ORD	PCT/US2013/071109	20-Dec-2013	WO2014/100915	28-Jun-2014				Inactive	IDEAL Industries Lighting LLC	LED Apparatus with Heat Transfer and Seal	
P1960	China (People's Republic)		PCT	201300071967.2	15-Jun-2015	CN105074332A	18-Nov-2015	105974352	14-May-2019	20-Dec-2033	Granted	IDEAL Industries Lighting LLC	LED Apparatus with Heat Transfer and Seal	
P1960	Germany		EPP	13865046.0	20-Dec-2013	2946141	25-Nov-2015	602913035907.5	11-Apr-2016	20-Dec-2033	Granted	IDEAL Industries Lighting LLC	LED Apparatus with Heat Transfer and Seal	
P1960	European Patent Convention		PCT	13865046.0	19-Jun-2015	2946141	25-Nov-2015	2946141	11-Apr-2016	20-Dec-2033	Granted	IDEAL Industries Lighting LLC	LED Apparatus with Heat Transfer and Seal	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SK; SM; TR
P1960	Taiwan		ORD	102147420	20-Dec-2013	1008190	11-Dec-2017	1008190	11-Dec-2017	20-Dec-2033	Granted	IDEAL Industries Lighting LLC	LED Lighting Apparatus with Facilitated Heat Transfer and Fluid Seal	
P1960	United States of America	0	PRD	81745552	22-Dec-2012					22-Dec-2013	Expired	IDEAL Industries Lighting LLC	LED LIGHTING APPARATUS WITH FACILITATED HEAT TRANSFER AND FLUID SEAL	
P1960	United States of America	2	PRD	81748362	28-Dec-2012					28-Dec-2013	Expired	IDEAL Industries Lighting LLC	LED LIGHTING APPARATUS WITH FACILITATED HEAT TRANSFER AND FLUID SEAL	
P1960	United States of America	1	ORD	13633006	15-Mar-2013	20140177226	28-Jun-2014	9,435,528	06-Sep-2016	18-Jun-2034	Granted	IDEAL Industries Lighting LLC	LED LIGHTING APPARATUS WITH FACILITATED HEAT TRANSFER AND FLUID SEAL	
P1961	United States of America	0	PRD	81758060	30-Jan-2013						Inactive	IDEAL Industries Lighting LLC	OPTICAL WAVEGUIDE	
P1961	United States of America	2	DIV	15443060	27-Feb-2017	2017-0239554	23-Nov-2017	10,400,988	10-Sep-2019	15-Mar-2033	Granted	IDEAL Industries Lighting LLC	OPTICAL WAVEGUIDE AND LAMP INCLUDING SAME	
P1961	United States of America	1	ORD	13639349	15-Mar-2013	2014-0211476	31-Jul-2014	9,581,751	28-Feb-2017	12-Sep-2033	Granted	IDEAL Industries Lighting LLC	OPTICAL WAVEGUIDE AND LAMP INCLUDING SAME	
P1962	United States of America	1	ORD	13634012	15-Mar-2013	US20140289631	16-Sep-2014	9,507,700	07-Mar-2017	10-Sep-2034	Granted	IDEAL Industries Lighting LLC	REMOTE LUMIPHOR SOLID STATE LIGHTING DEVICES WITH ENHANCED LIGHT EXTRACTION	
P1963	Germany		EPP	14780304.3	10-Mar-2014	2974547	20-Jan-2016	2974547	17-Oct-2016	10-Mar-2034	Granted	IDEAL Industries Lighting LLC	Lighting Apparatus and Methods Using Switched Energy Storage	
P1963	European Patent Convention		PCT	14780304.3	01-Sep-2015	2974547	20-Jan-2016	2974547	17-Oct-2016	10-Mar-2034	Granted	IDEAL Industries Lighting LLC	Lighting Apparatus and Methods Using Switched Energy Storage	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SK; SM; TR
P1963	United States of America	1	ORD	13601058	13-Mar-2013	2014-0285888	18-Sep-2014	8898229	25-Nov-2014	04-Jun-2033	Granted	IDEAL Industries Lighting LLC	Lighting Apparatus and Methods Using Switched Energy Storage	
P1963	Patent Cooperation Treaty		ORD	PCT/US2014/024469	10-Mar-2014	WO2014/194452	09-Oct-2014				Inactive	IDEAL Industries Lighting LLC	Lighting Apparatus and Methods Using Switched Energy Storage	
P1965	United States of America	1	CIP	13639322	15-Mar-2013	20140104038	17-Apr-2014	9,441,824	13-Sep-2016	07-May-2030	Granted	IDEAL Industries Lighting LLC	HIGH OUTPUT LED LIGHT FIXTURE	
P1965	Patent Cooperation Treaty		ORD	PCT/US13/38416	12-Apr-2013	WO2013/156442	17-Oct-2013				Inactive	IDEAL Industries Lighting LLC	HIGH OUTPUT LED LIGHT FIXTURE	
P1966	United States of America	1	DDN	13642150	15-Mar-2013	2014-0126190	08-May-2014	9,395,058	19-Jul-2016	08-Nov-2032	Granted	IDEAL Industries Lighting LLC	Suspended Linear Fixture	
P1967	United States of America	0	PRD	81738388	12-Dec-2012					12-Dec-2013	Expired	IDEAL Industries Lighting LLC	LED Lamp	
P1967	United States of America	1	ORD	13772439	21-Feb-2013	20140180742	12-Jun-2014	9,062,887	23-Jun-2015	03-Jul-2033	Granted	IDEAL Industries Lighting LLC	LED Lamp	
P1967	United States of America	2	DDN	14713163	15-May-2015	20150247625	03-Sep-2015	9,534,787	03-Jan-2017	21-Feb-2033	Granted	IDEAL Industries Lighting LLC	LED Lamp	
P1968	European Patent Convention		PCT	14784347.2	01-Sep-2015	2972529	20-Jan-2016			14-Mar-2034	Published	IDEAL Industries Lighting LLC	OPTICAL WAVEGUIDE BODY	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SK; SM; TR
P1968	United States of America	1	FRI	13641074	15-Mar-2013	US2014-0270672	18-Sep-2014	9,625,638	18-Apr-2017	25-Dec-2033	Granted	IDEAL Industries Lighting LLC	OPTICAL WAVEGUIDE BODY	
P1968	United States of America	2	DIV	15453267	08-Mar-2017	2017-0176966	22-Jun-2017	9,753,210	05-Sep-2017	15-Mar-2033	Granted	IDEAL Industries Lighting LLC	OPTICAL WAVEGUIDE BODY	
P1968	Patent Cooperation Treaty		ORD	PCT/US2014/028887	14-Mar-2014	WO2014/144495	18-Sep-2014				Inactive	IDEAL Industries Lighting LLC	OPTICAL WAVEGUIDE BODY	
P1969	United States of America	1	DES	29439562	12-Dec-2012			0791989	01-Apr-2014	01-Apr-2028	Granted	IDEAL Industries Lighting LLC	LED Twister Lamp	
P1970	United States of America	1	DES	29439564	12-Dec-2012			0791990	01-Apr-2014	01-Apr-2028	Granted	IDEAL Industries Lighting LLC	LED Twister Lamp Fixture	
P1971	United States of America	1	ORD	13638729	15-Mar-2013	20140280791	18-Sep-2014				Abandoned	IDEAL Industries Lighting LLC	Lighting Fixtures for Solid State Light Sources	
P1972	United States of America	1	ORD	13638713	15-Mar-2013	20140280885	18-Sep-2014	9,022,916	05-May-2015	29-Jun-2033	Granted	IDEAL Industries Lighting LLC	Lens Assembly for a Solid State Lighting Fixture	
P1973	United States of America	1	ORD	13637200	15-Mar-2013	20140280732	18-Sep-2014	9,022,599	05-May-2015	19-Jul-2033	Granted	IDEAL Industries Lighting LLC	Multi-Point to Single Point Optic	
P1974	United States of America	1	CIP	13734327	04-Jan-2013	US 2014/0117994	01-May-2014	9,509,215	29-Nov-2016	23-Sep-2033	Granted	IDEAL Industries Lighting LLC	Dual Mode Power Supply Controller with Charge Balance Multipliers and Charge Balance Multiplier Circuits	
P1974	United States of America	2	DIV	15459377	23-Nov-2016	2017077633	16-Mar-2017	9,998,027	12-Jun-2016	31-Oct-2032	Granted	IDEAL Industries Lighting LLC	Dual Mode Power Supply Controller with Charge balance multipliers and Charge Balance Multiplier Circuits	
P1975	United States of America	1	ORD	13758005	31-Jan-2013	US 2014/0213094	31-Jul-2014	9,316,382	19-Apr-2016	19-Dec-2033	Granted	IDEAL Industries Lighting LLC	CONNECTOR DEVICES, SYSTEMS, AND RELATED METHODS FOR CONNECTING LIGHT EMITTING DIODE (LED) MODULES	
P1981	United States of America	1	ORD	13640887	15-Mar-2013	US2014-0268745	18-Sep-2014	10,438,432	08-Oct-2016	08-Jun-2033	Granted	IDEAL Industries Lighting LLC	Aluminum High Bay Design	
P1984	United States of America	1	FRI	13758783	04-Feb-2013	US2013-0214988-A1	22-Aug-2013	10,451,251	22-Oct-2019	06-Mar-2033	Granted	IDEAL Industries Lighting LLC	Solid State Lamp with Light Directing Optics and Diffuser	
P1985	United States of America	1	ORD	13762457	11-Mar-2013	US 2014/0253056	11-Sep-2014	9,886,117	09-Jan-2018	02-Jan-2034	Granted	IDEAL Industries Lighting LLC	Power Supply with Adaptive Controlled Output Voltage	
P1986	United States of America	1	ORD								Inactive	IDEAL Industries Lighting LLC	Integrated Mixing Chamber and Diffuser Holder Devices (for Use with LED Module Beads)	
P1987	United States of America	1	CIP	13784743	11-Feb-2013	2014-0449961	20-Feb-2014	9,243,794	26-Jan-2016	14-Feb-2034	Granted	IDEAL Industries Lighting LLC	LED LIGHT FIXTURE WITH FLUID FLOW TO AND FROM THE HEAT SINK	
P1987	Patent Cooperation Treaty		ORD	PCT/US13/38421	12-Apr-2013	WO2013/156446	17-Oct-2013				Inactive	IDEAL Industries Lighting LLC	LED LIGHT FIXTURE WITH FLUID FLOW TO AND FROM THE HEAT SINK	
P1988	United States of America	2	DDN	16557420	30-Aug-2019	2019/0303464	19-Dec-2019	11112083	07-Sep-2021	15-Mar-2033	Granted	IDEAL Industries Lighting LLC	MULTI-LAYER POLYMERIC LENS AND UNITARY OPTIC MEMBER FOR LED LIGHT FIXTURES AND METHOD OF MANUFACTURE	
P1988	Germany		EPP	1477028.5	03-Sep-2015	2973760	20-Jan-2016	2973760	24-Apr-2019	12-Mar-2034	Granted	IDEAL Industries Lighting LLC	MULTI-LAYER POLYMERIC LENS AND UNITARY OPTIC MEMBER FOR LED LIGHT FIXTURES AND METHOD OF MANUFACTURE	
P1988	United States of America	1	FRI	13643620	15-Mar-2013	2014-0260762	18-Sep-2014	10,400,984	03-Sep-2019	15-Feb-2034	Granted	IDEAL Industries Lighting LLC	MULTI-LAYER POLYMERIC LENS AND UNITARY OPTIC MEMBER FOR LED LIGHT FIXTURES AND METHOD OF MANUFACTURE	
P1988	Patent Cooperation Treaty		ORD	PCT/US2014/024297	12-Mar-2014	WO2014/150811	25-Sep-2014				Inactive	IDEAL Industries Lighting LLC	Multi-Layer Polymeric Lens and Unitary Optic Member for LED Light Fixtures and Method of Manufacture	
P1988	European Patent Convention		PCT	1477028.5	03-Sep-2015	2973760	20-Jan-2016	2973760	24-Apr-2019	12-Mar-2034	Granted	IDEAL Industries Lighting LLC	MULTI-LAYER POLYMERIC LENS AND UNITARY OPTIC MEMBER FOR LED LIGHT FIXTURES AND METHOD OF MANUFACTURE	AL; AT; BA; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; KH; LI; LU; LV; MA; MC; MD; ME; MK; MT; NL; NO; PL; PT; RO; RS; SE; SK; SM; TN; TR
P1989	India		PCT	8726/DELNP/2015	01-Sep-2015					31-Jan-2034	Abandoned	IDEAL Industries Lighting LLC	LED Lighting Fixture	
P1989	United States of America	1	CIP	13784738	11-Feb-2013	US20140211470	31-Jul-2014	9,222,832	29-Dec-2015	10-May-2033	Granted	IDEAL Industries Lighting LLC	LED Lighting Fixture	

P1989	Patent Cooperation Treaty		ORD	PCT/US14/14103	31-Jan-2014	WC2014121049	07-Aug-2014				Inactive	IDEAL Industries Lighting LLC	LED Lighting Fixture	
P1989	China (People's Republic)		PCT	201480028877.4	01-Sep-2015	10495478	30-Sep-2015	ZL201480028877.4	18-May-2016	31-Jan-2014	Granted	IDEAL Industries Lighting LLC	LED Lighting Fixture	
P1990	United Kingdom	1	RPD	93022728070001	11-Jul-2013			93022728070001	11-Jul-2013	11-Jul-2013	Granted	IDEAL Industries Lighting LLC	LED Lighting Fixture	
P1990	United Kingdom	2	RPD	93022728070002	11-Jul-2013			93022728070002	11-Jul-2013	11-Jul-2013	Granted	IDEAL Industries Lighting LLC	LED Lighting Fixture	
P1990	European Community	1	DES	002272807	11-Jul-2013			002272807-0001	11-Jul-2013	11-Jul-2013	Granted	IDEAL Industries Lighting LLC	LED Lighting Fixture	
P1990	United States of America	1	DES	29444,511	31-Jan-2013			D710,482	25-Nov-2014	25-Nov-2013	Granted	IDEAL Industries Lighting LLC	LED Lighting Fixture	
P1990	European Community	1-2	DES	002272807	11-Jul-2013			002272807-0002	11-Jul-2013	11-Jul-2013	Granted	IDEAL Industries Lighting LLC	LED Lighting Fixture	
P1990	China (People's Republic)		DES	20133038561.8	30-Jun-2013			ZL20133038561.8	21-May-2014	30-Jul-2013	Granted	IDEAL Industries Lighting LLC	LED Lighting Fixture	
P1990	Canada		DES	152128	16-Jul-2013			152128	26-Sep-2014	29-Sep-2014	Granted	IDEAL Industries Lighting LLC	LED Lighting Fixture	
P1990	Mexico		DES	MX12013/003110	22-Jul-2013			42110	17-Oct-2014	22-Jul-2013	Granted	IDEAL Industries Lighting LLC	LED Lighting Fixture	
P1991	Germany		EPP	14714109.7	12-Mar-2014	2974539	20-Jan-2016	2974539	16-Jan-2016	12-Mar-2014	Granted	IDEAL Industries Lighting LLC	Optical Communication for Solid-State Lighting Sources	
P1991	Patent Cooperation Treaty		ORD	PCT/US14/23918	12-Mar-2014	WC2014150968	25-Sep-2014				Inactive	IDEAL Industries Lighting LLC	Optical Communication for Solid-State Light Sources	
P1991	European Patent Convention		PCT	14714109.7	07-Oct-2015	2974539	20-Jan-2016	2974539	16-Jan-2016	12-Mar-2014	Granted	IDEAL Industries Lighting LLC	Optical Communication for Solid-State Lighting Sources	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TR
P1991	United States of America	1	ORD	13835,900	15-Mar-2013	20140270793	18-Sep-2014	9,705,594	11-Jul-2017	24-Apr-2014	Granted	IDEAL Industries Lighting LLC	Optical Communication for Solid-State Light Sources	
P1993	United States of America	1	ORD	13765,462	12-Mar-2013	US2014-0265805	18-Sep-2014	9,140,048	29-Sep-2015	12-Mar-2013	Granted	IDEAL Industries Lighting LLC	Damping Resonance in a Converter Including a Coupling Capacitor	
P1994	United States of America	1	ORD	13844,431	15-Mar-2013	US2014-0298747	18-Sep-2014	9,052,075	09-Jun-2015	15-Mar-2013	Granted	IDEAL Industries Lighting LLC	Standardized Troffer Fixture	
P1994	United States of America	2	ODN	14716,480	19-May-2015	2015-0252362	10-Sep-2015	10,226,111	12-Mar-2019	15-Mar-2013	Granted	IDEAL Industries Lighting LLC	Standardized Troffer Fixture	
P1998	China (People's Republic)		PCT	201380074755X	15-Sep-2015	CN105180162	23-Dec-2015				Abandoned	IDEAL Industries Lighting LLC	Modular Lensed Troffer Fixture	
P1998	United States of America	1	ORD								Inactive	IDEAL Industries Lighting LLC	Modular Lensed Troffer Fixture	
P1998	Patent Cooperation Treaty		ORD	PCT/CN2013/072772	15-Mar-2015						Inactive	IDEAL Industries Lighting LLC	Lensed Troffer Fixture	
P1997	United States of America	1	OP	13763,270	08-Feb-2013	2014-0128199	08-May-2014	10,309,627	04-Jun-2019	08-Nov-2012	Granted	IDEAL Industries Lighting LLC	Light Fixture Retrofit Kit with Integrated Light Bar	
P1998	United States of America	0	PRD	81763,419	04-Feb-2013					04-Feb-2014	Expired	IDEAL Industries Lighting LLC	LED Lamp with Omnidirectional Light Distribution	
P1998	United States of America	1	ORD	13763,325	11-Mar-2013	20140210301	07-Aug-2014	9,303,857	05-Apr-2016	27-Mar-2013	Granted	IDEAL Industries Lighting LLC	LED Lamp with Omnidirectional Light Distribution	
P1999	United States of America	1	ORD	13767,579	06-Mar-2013	US2014-0252940	11-Sep-2014	9,182,098	10-Nov-2015	06-Mar-2013	Granted	IDEAL Industries Lighting LLC	LED LIGHT FIXTURE	
P2000	United Kingdom	2	RPD	93022021170002	04-Sep-2013			93022021170002	04-Sep-2013	04-Sep-2013	Granted	IDEAL Industries Lighting LLC	Light Fixtures	
P2000	United Kingdom	1	RPD	93022021170001	04-Sep-2013			93022021170001	04-Sep-2013	04-Sep-2013	Granted	IDEAL Industries Lighting LLC	Light Fixtures	
P2000	United States of America	1	DES	29447,763	08-Mar-2013			D721,644	27-Jan-2015	27-Jan-2013	Granted	IDEAL Industries Lighting LLC	LIGHT FIXTURE	
P2000	European Community	1-2	DES	00202117	04-Sep-2013			00202117-0002	04-Sep-2013	04-Sep-2013	Granted	IDEAL Industries Lighting LLC	Light Fixtures	
P2000	Mexico		DES	MX12013/002680	05-Sep-2013			42678	15-Oct-2014	05-Sep-2013	Granted	IDEAL Industries Lighting LLC	Light Fixture	
P2000	United States of America	2	DDV	29514,881	18-Jan-2015			D743,034	10-Nov-2015	10-Nov-2013	Granted	IDEAL Industries Lighting LLC	LIGHT FIXTURE	
P2000	European Community	1	DES	00202117	04-Sep-2013			00202117-0001	04-Sep-2013	04-Sep-2013	Granted	IDEAL Industries Lighting LLC	Light Fixtures	
P2001	United States of America	1	DES	29449,680	15-Mar-2013			D695,433	10-Dec-2013	10-Dec-2013	Granted	IDEAL Industries Lighting LLC	LAMP	
P2003	United Kingdom		EPP	13821552.0	17-Dec-2013	2935992	28-Oct-2015	2935992	01-Mar-2017	17-Dec-2013	Granted	IDEAL Industries Lighting LLC	Commissioning for a Lighting Network	
P2003	Patent Cooperation Treaty		ORD	PCT/US13/25761	17-Dec-2013	WC2014099977	26-Jun-2014				Inactive	IDEAL Industries Lighting LLC	Commissioning for a Lighting Network	
P2003	European Patent Convention		PCT	13821552.0	10-Jul-2015	2935992	28-Oct-2015	2935992	01-Mar-2017	17-Dec-2013	Granted	IDEAL Industries Lighting LLC	Commissioning for a Lighting Network	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TR
P2003	Germany		EPP	13821552.0	17-Dec-2013	2935992	28-Oct-2015	2935992	01-Mar-2017	17-Dec-2013	Granted	IDEAL Industries Lighting LLC	Commissioning for a Lighting Network	
P2003	China (People's Republic)		PCT	201380073238.0	18-Aug-2015	104981954	14-Oct-2015	ZL201380073238.0	20-Jul-2016	17-Dec-2013	Granted	IDEAL Industries Lighting LLC	Commissioning for a Lighting Network	
P2003	United States of America	1	ORD	13782,151	01-Mar-2013	20140187623	19-Jun-2014	8,912,735	16-Dec-2014	18-Dec-2013	Granted	IDEAL Industries Lighting LLC	Commissioning for a Lighting Network	
P2004	United States of America	3	DIV	16402,285	03-May-2019	US2019-0257498	22-Aug-2019	10,670,232	02-Jun-2020	15-Mar-2013	Granted	IDEAL Industries Lighting LLC	Lighting Apparatus with Reflector and Outer Lens	
P2004	United States of America	4	DIV	16487,472	24-Apr-2020	20200248891	08-Aug-2020	10895365	19-Jan-2021	15-Mar-2013	Granted	IDEAL Industries Lighting LLC	Lighting Apparatus with Reflector and Outer Lens	
P2004	United States of America	2	DIV	14749,487	24-Jun-2015	2015-0262714	15-Oct-2015	10,320,828	18-Jun-2019	20-Jul-2014	Granted	IDEAL Industries Lighting LLC	Lighting Apparatus with Reflector and Outer Lens	
P2004	United States of America	1	FRI	13841,651	15-Mar-2013	US2014-0268800	18-Sep-2014	9,091,417	28-Jul-2015	15-Mar-2013	Granted	IDEAL Industries Lighting LLC	LIGHTING APPARATUS	
P2005	Patent Cooperation Treaty		ORD	PCT/US2014/027344	14-Mar-2014	WC2014152441	25-Sep-2014				Inactive	IDEAL Industries Lighting LLC	SYSTEM AND METHOD FOR MOUNTING AND LOCKING A LIGHTING APPARATUS	
P2005	United States of America	1	ORD	13942,587	15-Mar-2013	2014-0268825	18-Sep-2014	9,062,809	23-Jun-2015	18-Jul-2013	Granted	IDEAL Industries Lighting LLC	SYSTEM AND METHOD FOR MOUNTING AND LOCKING A LIGHTING APPARATUS	
P2008	United Kingdom		RPD	9302308150001	12-Sep-2013			9302308150001	12-Sep-2013	12-Sep-2013	Granted	IDEAL Industries Lighting LLC	Lighting Apparatus	
P2008	European Community		DES	00208015	12-Sep-2013			00208015-0001	12-Sep-2013	12-Sep-2013	Granted	IDEAL Industries Lighting LLC	Lighting Apparatus	
P2008	United States of America	1	DES	29450,107	15-Mar-2013			D690,389	04-Feb-2014	04-Feb-2013	Granted	IDEAL Industries Lighting LLC	LIGHTING APPARATUS	
P2007	United States of America	1	OP	13943,255	18-Jul-2013	US2014-0252995	11-Sep-2014	9,425,887	23-Aug-2016	31-Jan-2014	Granted	IDEAL Industries Lighting LLC	Methods of Operating Switched Mode Power Supply Circuits Using Adaptive Filtering and Related Controller Circuits Cross	

P2008	Germany		EPP	14745584.4	31-Jan-2014	2954552	18-Dec-2015	2954552	13-Dec-2017	31-Jan-2034	Granted	IDEAL Industries Lighting LLC	LED Light Fixture with Integrated Light Shielding	
P2008	Patent Cooperation Treaty		ORD	PCT/US14/141108	31-Jan-2014	WO2014/121854	07-Aug-2014				Inactive	IDEAL Industries Lighting LLC	LED Light Fixture with Integrated Light Shielding	
P2008	European Patent Convention		PCT	14745584.4	17-Aug-2015	2954552	18-Dec-2015	2954552	13-Dec-2017	31-Jan-2034	Granted	IDEAL Industries Lighting LLC	LED Light Fixture with Integrated Light Shielding	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LT; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TR
P2008	United States of America	1	CIP	13774.746	11-Feb-2013	US2014-0226309	14-Aug-2014	9,212,812	15-Dec-2015	13-Jun-2033	Granted	IDEAL Industries Lighting LLC	LED Light Fixture with Integrated Light Shielding	
P2009	Germany		EPP	14748558.5	17-Aug-2015	2951502	09-Dec-2015	602014093335.1	22-Jan-2020	31-Jan-2034	Granted	IDEAL Industries Lighting LLC	Light Fixture Support Assembly	
P2009	European Patent Convention		PCT	14748558.5	17-Aug-2015	2951502	09-Dec-2015	2951502	22-Jan-2020	31-Jan-2034	Granted	IDEAL Industries Lighting LLC	Light Fixture Support Assembly	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LT; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TR
P2009	United States of America	1	CIP	13774.743	11-Feb-2013	US2014-0226201	14-Aug-2014	9,435,519	06-Sep-2016	18-Jun-2033	Granted	IDEAL Industries Lighting LLC	Light Fixture Support Assembly	
P2009	Patent Cooperation Treaty		ORD	PCT/US14/141117	31-Jan-2014	WO2014/121859	07-Aug-2014				Inactive	IDEAL Industries Lighting LLC	Light Fixture Support Assembly	
P2011	Patent Cooperation Treaty		ORD	PCT/US14/23389	12-Mar-2014	WO2014/150654	25-Sep-2014				Inactive	IDEAL Industries Lighting LLC	Ambient Light Monitoring in a Lighting Fixture	
P2011	United States of America	1	ORD	13838.388	15-Mar-2013	20140288790	18-Sep-2014	10,161,612	25-Dec-2010	30-Oct-2034	Granted	IDEAL Industries Lighting LLC	AMBIENT LIGHT MONITORING IN A LIGHTING FIXTURE	
P2011	Germany		EPP	14715184.9	12-Mar-2014	EP2684362	17-Feb-2016	2984362	29-Aug-2016	12-Mar-2034	Granted	IDEAL Industries Lighting LLC	Ambient Light Monitoring in a Lighting Fixture	
P2011	European Patent Convention		PCT	14715184.9	07-Oct-2015	EP2684362	17-Feb-2016	2984362	29-Aug-2016	12-Mar-2034	Granted	IDEAL Industries Lighting LLC	Ambient Light Monitoring in a Lighting Fixture	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LT; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TR
P2012	United States of America	1	ORD	13787.571	08-Mar-2013	US2014-0254179	11-Sep-2014	9,714,761	25-Jul-2017	09-Mar-2033	Granted	IDEAL Industries Lighting LLC	LIGHT FIXTURE WITH FACILITATED THERMAL MANAGEMENT	
P2013	United States of America	0	PRD	61803.553	04-Apr-2013					04-Apr-2014	Expired	IDEAL Industries Lighting LLC	Systems and Methods for Controlling Adjusting CCT for Solid State Lighting and Lighting Apparatus Incorporating Such Systems and Methods	
P2013	United States of America	1	ORD	14227.628	27-Mar-2014	US2014-0210355	31-Jul-2014				Abandoned	IDEAL Industries Lighting LLC	Methods, Circuits and Systems for Adjusting Chromaticity of Solid State Lighting	
P2014	Germany		EPP	14728017.8	14-Oct-2015	2974551	20-Jan-2016	602014090329.8	15-Jan-2020	12-Mar-2034	Granted	IDEAL Industries Lighting LLC	Updatable Lighting Fixtures and Related Components	
P2014	Netherlands		EPP	14728017.8	14-Oct-2015	2974551	20-Jan-2016	2974551	15-Jan-2020	12-Mar-2034	Granted	IDEAL Industries Lighting LLC	Updatable Lighting Fixtures and Related Components	
P2014	European Patent Convention		PCT	14728017.8	14-Oct-2015	2974551	20-Jan-2016	2974551	15-Jan-2020	12-Mar-2034	Granted	IDEAL Industries Lighting LLC	Updatable Lighting Fixtures and Related Components	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LT; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TR
P2014	United States of America	1	ORD	13833.668	15-Mar-2013	20140286919	18-Sep-2014	10,984,251	28-Aug-2016	03-Jul-2034	Granted	IDEAL Industries Lighting LLC	Updatable Lighting Fixtures and Related Components	
P2014	Patent Cooperation Treaty		ORD	PCT/US14/23284	12-Mar-2014	WO2014/150657	25-Sep-2014				Inactive	IDEAL Industries Lighting LLC	Updatable Lighting Fixtures and Related Components	
P2015	United States of America	1	ORD								Combined	IDEAL Industries Lighting LLC	Integrated RF Connectivity and Power Supply Microcontroller	
P2019	United States of America	1	ORD	13837.379	15-Mar-2013	20140288794	18-Sep-2014	9,243,777	28-Jan-2016	11-May-2033	Granted	IDEAL Industries Lighting LLC	Rare Earth Optical Elements for LED Lamp	
P2019	Patent Cooperation Treaty		ORD	PCT/US14/24684	12-Mar-2014	2014153098	25-Sep-2014				Abandoned	IDEAL Industries Lighting LLC	Rare Earth Optical Elements for LED Lamp	
P2020	Germany		EPP	14785418.4	21-Sep-2015	2973886	20-Jan-2016	2973886	24-Apr-2019	14-Mar-2034	Granted	IDEAL Industries Lighting LLC	Shaped Optical Waveguide Bodies	
P2020	European Patent Convention		PCT	14785418.4	21-Sep-2015	2973886	20-Jan-2016	2973886	24-Apr-2019	14-Mar-2034	Granted	IDEAL Industries Lighting LLC	Shaped Optical Waveguide Bodies	AL; AT; BA; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; KH; LI; LT; LU; LV; MA; MC; MD; ME; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TN; TR
P2020	United States of America	1	ORD	13841.622	15-Mar-2013	US2014-0268875	18-Sep-2014	10,438,370	08-Oct-2019	15-Mar-2033	Granted	IDEAL Industries Lighting LLC	SHAPED OPTICAL WAVEGUIDE BODIES	
P2020	Patent Cooperation Treaty		ORD	PCT/US2014/028038	14-Mar-2014	WO2014/144503	18-Sep-2014				Inactive	IDEAL Industries Lighting LLC	Shaped Optical Waveguide Bodies	
P2022	United States of America	1	DES	29447.589	04-Mar-2013			0712,848	09-Sep-2014	09-Sep-2028	Granted	IDEAL Industries Lighting LLC	LIGHT SWITCH	
P2023	United States of America	1	DES	29449.882	15-Mar-2013			0718,897	02-Dec-2014	02-Dec-2028	Granted	IDEAL Industries Lighting LLC	Multi-Point to Single-Point Optic for a Lighting Fixture	
P2024	United States of America	1	DES	29460.880	16-Jul-2013			0702,377	08-Apr-2014	08-Apr-2028	Granted	IDEAL Industries Lighting LLC	Portion of a Lamp	
P2025	Germany		EPP	14877565.3	16-Jul-2015	2981857	10-Feb-2016	2981857	10-Mar-2021	30-Jan-2034	Granted	IDEAL Industries Lighting LLC	Optical Waveguide and Luminaire Incorporating Same	
P2025	United Kingdom		EPP	14877565.3	16-Jul-2015	2981857	10-Feb-2016	2981857	10-Mar-2021	30-Jan-2034	Granted	IDEAL Industries Lighting LLC	Optical Waveguide and Luminaire Incorporating Same	AL; BM; FI; FK; GD; GG; GR; GY; HK; JE; KR; KY; MS; NR; SB; SD; SH; SL; TC; TV; VG; VO; VU
P2025	Patent Cooperation Treaty		ORD	PCT/US2014/013934	30-Jan-2014	WO2014/120989	07-Aug-2014				Inactive	IDEAL Industries Lighting LLC	Optical Waveguide and Luminaire Incorporating Same	
P2025	European Patent Convention		PCT	14877565.3	16-Jul-2015	2981857	10-Feb-2016	2981857	10-Mar-2021	30-Jan-2034	Granted	IDEAL Industries Lighting LLC	Optical Waveguide and Luminaire Incorporating Same	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LT; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TR
P2025	United States of America	1	ORD	13840.583	15-Mar-2013	2014-0211485	31-Jul-2014	10,436,989	03-Oct-2019	23-Mar-2034	Granted	IDEAL Industries Lighting LLC	OPTICAL WAVEGUIDE AND LUMINAIRE INCORPORATING SAME	
P2025	United States of America	2	ODN	13908.877	10-Jul-2013	US2014-0211508	31-Jul-2014	9,389,367	12-Jul-2016	15-Mar-2033	Granted	IDEAL Industries Lighting LLC	Optical Waveguide and Luminaire Incorporating Same	
P2025	United States of America	3	ODN	14868.373	25-Sep-2015	2018-0301854	21-Jan-2016	9,853,458	21-Nov-2017	15-Mar-2033	Granted	IDEAL Industries Lighting LLC	Optical Waveguide and Luminaire Incorporating Same	
P2026	Germany		EPP	1478704.0	18-Sep-2015	2971944	20-Jan-2016	602014084948.2	14-Sep-2022	13-Mar-2034	Granted	IDEAL Industries Lighting LLC	One Piece Multi-Lens Optical Member and Method of Manufacture	
P2026	Patent Cooperation Treaty		ORD	PCT/US2014/028221	13-Mar-2014	WO2014/151871	25-Sep-2014				Inactive	IDEAL Industries Lighting LLC	One Piece Multi-Lens Optical Member and Method of Manufacture	
P2026	European Patent Convention		PCT	1478704.0	18-Sep-2015	2971944	20-Jan-2016	2971944	14-Sep-2022	13-Mar-2034	Granted	IDEAL Industries Lighting LLC	One Piece Multi-Lens Optical Member and Method of Manufacture	AL; AT; BA; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; KH; LI; LT; LU; LV; MA; MC; MD; ME; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TN; TR
P2026	United States of America	1	FRI	13943.649	15-Mar-2013	2018-0153609	02-Jun-2016	10,422,563	24-Sep-2019	23-Sep-2034	Granted	IDEAL Industries Lighting LLC	ONE-PIECE MULTI-LENS OPTICAL MEMBER AND METHOD OF MANUFACTURE	
P2030	Patent Cooperation Treaty		ORD	PCT/US13/39888	06-May-2013						Inactive	IDEAL Industries Lighting LLC	LENS FOR WIDE LATERAL ANGLE DISTRIBUTION	
P2030	United States of America	1	CIP	13842.779	15-Mar-2013	US 2013/0223072 A1	29-Aug-2013	9,541,258	10-Jan-2017	20-Sep-2033	Granted	IDEAL Industries Lighting LLC	LENS FOR WIDE LATERAL ANGLE DISTRIBUTION	
P2030	China (People's Republic)		PCT	201300024053.0	07-Nov-2014	CN10402973A	21-Jan-2015	ZL201300024053.0	10-May-2018	09-Mar-2033	Granted	IDEAL Industries Lighting LLC	Lens for Wide Lateral Angle Distribution	
P2032	United States of America	1	ORD	13842.012	15-Mar-2013	US2014-0288765	18-Sep-2014	9,239,150	19-Jan-2016	28-Mar-2033	Granted	IDEAL Industries Lighting LLC	LINEAR LIGHTING DEVICE	
P2034	United States of America	1	DES	29449.921	15-Mar-2013			0707,874	24-Jun-2014	24-Jun-2028	Granted	IDEAL Industries Lighting LLC	LINEAR LIGHTING FIXTURE	
P2035	United States of America	1	DES	29449.404	15-Mar-2013			0710,490	25-Nov-2014	25-Nov-2028	Granted	IDEAL Industries Lighting LLC	LED LENS	
P2039	United States of America	1	DES	29450.263	15-Mar-2013			0733,952	07-Jul-2015	07-Jul-2029	Granted	IDEAL Industries Lighting LLC	Indirect Linear Fixture	

P2040	United States of America	1	ORD	13/03/060	22-May-2013	US 2014/034674	27-Nov-2014	9,537,407	03-Jan-2017	05-Jul-2025	Granted	IDEAL Industries Lighting LLC	Power Supply with Standby Operation	
P2041	United States of America	1	ORD	13/03/198	15-Mar-2013	20140280219	18-Sep-2014	9,857,922	23-May-2017	13-Jun-2033	Granted	IDEAL Industries Lighting LLC	Electrically Insulative Coatings for LED Lamp and Elements	
P2041	Patent Cooperation Treaty		ORD	PCT/US14/24472	12-Mar-2014	2014153992	25-Sep-2014				Abandoned	IDEAL Industries Lighting LLC	Electrically Insulative Coatings for LED Lamps and Elements	
P2042	United States of America	0	PRD	61/778,971	13-Mar-2013					13-Mar-2014	Expired	IDEAL Industries Lighting LLC	LED Lamp	
P2042	United States of America	1	ORD	14/207,247	13-Mar-2014	20140280772	18-Sep-2014	9,864,369	30-May-2017	29-May-2034	Granted	IDEAL Industries Lighting LLC	LED Lamp	
P2043	United Kingdom	1	RPD	9002546820001	29-Nov-2013			9002546820001	29-Nov-2013	29-Nov-2038	Granted	IDEAL Industries Lighting LLC	Lamps	
P2043	United Kingdom	2	RPD	9002546820002	29-Nov-2013			9002546820002	29-Nov-2013	29-Nov-2038	Granted	IDEAL Industries Lighting LLC	Lamps	
P2043	China (People's Republic)		DES	201330388465.3	29-Nov-2013			ZL201330388465.3	29-Oct-2014	29-Nov-2023	Granted	IDEAL Industries Lighting LLC	Lamp	
P2043	European Community	1	DES	002354862	29-Nov-2013			002354862-0001	29-Nov-2013	29-Nov-2038	Granted	IDEAL Industries Lighting LLC	Lamps	
P2043	European Community	1-2	DES	002354862	29-Nov-2013			002354862-0002	29-Nov-2013	29-Nov-2038	Granted	IDEAL Industries Lighting LLC	Lamps	
P2043	United States of America	1	DES	29/458,413	31-May-2013			D093,848	19-Nov-2013	19-Nov-2027	Granted	IDEAL Industries Lighting LLC	Lamp	
P2043	Mexico		DES	MX012/13/003934	28-Nov-2013			44794	14-Aug-2015	28-Nov-2028	Granted	IDEAL Industries Lighting LLC	Lamp	
P2043	Mexico	2	DES	MX012/13/011304	28-Apr-2015						Abandoned	IDEAL Industries Lighting LLC	Lamp	
P2044	Patent Cooperation Treaty		ORD	PCT/US14/23019	11-Mar-2014	WC0201415632	02-Oct-2014				Inactive	IDEAL Industries Lighting LLC	LED Lamp and Hybrid Reflector	
P2044	Germany		EPP	14713738.4	11-Mar-2014	2984391	17-Feb-2016	2984391	14-Nov-2016	11-Mar-2024	Granted	IDEAL Industries Lighting LLC	LED Lamp and Hybrid Reflector	
P2044	European Patent Convention		PCT	14713738.4	07-Oct-2015	2984391	17-Feb-2016	2984391	14-Nov-2016	11-Mar-2024	Granted	IDEAL Industries Lighting LLC	LED Lamp and Hybrid Reflector	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TR
P2044	United States of America	1	ORD	13/028,516	14-Mar-2013	20140280808	18-Sep-2014	9,115,870	25-Aug-2015	09-Sep-2033	Granted	IDEAL Industries Lighting LLC	LED Lamp and Hybrid Reflector	
P2045	United States of America	1	ORD	13/002,841	14-Mar-2013	20140280828	18-Sep-2014	9,052,293	09-Jun-2015	14-Mar-2033	Granted	IDEAL Industries Lighting LLC	LED Lamp and Heat Sink	
P2045	United States of America	2	ODN	14/899,227	29-Apr-2015	20150241049	27-Aug-2015	9,851,229	16-May-2017	16-Apr-2033	Granted	IDEAL Industries Lighting LLC	LED Lamp and Heat Sink	
P2045	Patent Cooperation Treaty		ORD	PCT/US14/22989	11-Mar-2014	2014150330	25-Sep-2014				Inactive	IDEAL Industries Lighting LLC	LED Lamp and Heat Sink	
P2046	United States of America	1	DES	29/452,813	22-Apr-2013			0744,680	01-Dec-2015	01-Dec-2029	Granted	IDEAL Industries Lighting LLC	Module for a Lighting Fixture	
P2047	United States of America	1	DES	29/448,310	14-Mar-2013			D730,556	26-May-2015	29-May-2029	Granted	IDEAL Industries Lighting LLC	Linear Full Wrap Light Fixture	
P2048	United States of America	1	ORD	13/027,224	14-Mar-2013	US2014-0206125	18-Sep-2014	9,650,628	23-May-2017	10-Dec-2033	Granted	IDEAL Industries Lighting LLC	Back/Boost Voltage Converter Circuits for Solid State Lighting Apparatus	
P2049	United States of America	0	PRD	61/840,724	28-Jun-2013					28-Jun-2014	Expired	IDEAL Industries Lighting LLC	Emergency Lighting Conversion for LED Strings	
P2049	United States of America	1	CIP	13/943,376	16-Jul-2013	2014-0132164	15-May-2014	9,137,866	15-Sep-2015	11-Jan-2034	Granted	IDEAL Industries Lighting LLC	Emergency Lighting Conversion for LED Strings	
P2049	Patent Cooperation Treaty		ORD	PCT/US2013/098910	07-Nov-2013	WC02014078167	22-May-2014				Inactive	IDEAL Industries Lighting LLC	Emergency Lighting Conversion for LED Strings	
P2049	China (People's Republic)		PCT	201300087684.1	19-Jun-2015	104871848	28-Aug-2015	ZL201300087684.1	25-Aug-2017	07-Nov-2033	Granted	IDEAL Industries Lighting LLC	Emergency Lighting Conversion for LED Strings	
P2057	United States of America	0	PRD	61/802,079	15-Mar-2013					15-Mar-2014	Expired	IDEAL Industries Lighting LLC	LED Luminaire with Improved Thermal Management and Novel LED Interconnecting Architecture	
P2057	United States of America	1	ORD	14/208,825	12-Mar-2014	20140280771	18-Sep-2014	9,455,452	09-Sep-2016	01-Aug-2034	Granted	IDEAL Industries Lighting LLC	LED Luminaire with Improved Thermal Management and Novel LED Interconnecting Architecture	
P2062	United States of America	1	CIP	13/875,670	02-May-2013	20130279175	24-Oct-2013	9,310,028	12-Apr-2016	20-Oct-2033	Granted	IDEAL Industries Lighting LLC	LED Lamp	
P2062	Patent Cooperation Treaty		ORD	PCT/US14/30283	01-May-2014	WC02014179519	08-Nov-2014				Abandoned	IDEAL Industries Lighting LLC	LED Lamp	
P2063	China (People's Republic)		DES	201330492373.1	18-Oct-2013			ZL201330492373.1	04-Jun-2014	18-Oct-2023	Granted	IDEAL Industries Lighting LLC	Lamp	
P2063	India		DES	257513	15-Oct-2013			257513	11-Mar-2014	18-Apr-2028	Abandoned	IDEAL Industries Lighting LLC	Lamp	
P2063	Japan		DES	24/303,213	18-Oct-2013			1502122	06-Jun-2014	06-Jun-2034	Granted	IDEAL Industries Lighting LLC	Lamp	
P2063	United States of America	1	DES	29/452,552	18-Apr-2013			D702,375	03-Apr-2014	08-Apr-2028	Granted	IDEAL Industries Lighting LLC	Lamp	
P2063	Canada		DES	153504	18-Oct-2013			153504	08-Aug-2014	08-Aug-2024	Granted	IDEAL Industries Lighting LLC	Lamp	
P2063	Korea, Republic of		DES	30-2013-0052400	17-Oct-2013			30-0767346-00-01	16-Jan-2015	16-Jan-2030	Granted	IDEAL Industries Lighting LLC	Lamp	
P2064	Japan		DES	24/269,213	18-Oct-2013			1501915	06-Jun-2014	06-Jun-2034	Granted	IDEAL Industries Lighting LLC	Lamp	
P2064	Korea, Republic of		DES	30-2013-0052390	17-Oct-2013			30-0767348	16-Oct-2014	16-Oct-2029	Granted	IDEAL Industries Lighting LLC	Lamp	
P2064	India		DES	257514	15-Oct-2013			257514	05-Mar-2014	18-Apr-2028	Abandoned	IDEAL Industries Lighting LLC	Lamp	
P2064	China (People's Republic)		DES	201330492817.1	18-Oct-2013			ZL201330492817.1	21-May-2014	18-Oct-2023	Granted	IDEAL Industries Lighting LLC	Lamp	
P2064	Canada		DES	153473	10-Oct-2013			153473	08-Aug-2014	08-Aug-2024	Granted	IDEAL Industries Lighting LLC	Lamp	
P2064	United States of America	1	DES	29/452,550	18-Apr-2013			D732,210	16-Jun-2015	16-Jun-2029	Granted	IDEAL Industries Lighting LLC	Lamp	
P2065	United States of America	0	PRD	61/800,519	04-Apr-2013					04-Apr-2014	Expired	IDEAL Industries Lighting LLC	Systems and Methods for Controlling Solid State Lighting During Dimming and Lighting Apparatus Incorporating Such Systems and/or Methods	
P2065	United States of America	1	CIP	14/201,651	31-Mar-2014	US2014-0210364	31-Jul-2014	10,264,638	16-Apr-2015	15-Jan-2033	Granted	IDEAL Industries Lighting LLC	Circuits and Methods for Controlling Solid State Lighting	
P2065	Patent Cooperation Treaty		ORD	PCT/US2014/032368	31-Mar-2014	WC02014185450	09-Oct-2014				Inactive	IDEAL Industries Lighting LLC	Circuits and Methods for Controlling Solid State Lighting	
P2068	United States of America	2	ODN	17/002,240	28-Aug-2020	20200303100	17-Dec-2020	11162655	02-Nov-2021	08-Nov-2032	Granted	IDEAL Industries Lighting LLC	Modular LED Lighting System	
P2068	United States of America	1	CIP	13/910,468	05-Jun-2013	2014-0226318	14-Aug-2014	10788178	29-Sep-2020	01-Mar-2033	Granted	IDEAL Industries Lighting LLC	Modular LED Lighting System	

P2067	United States of America	1	ORD	13/693,621	11-Jul-2013	20130301252	14-Nov-2013	9,310,066	12-Apr-2016	04-Apr-2034	Granted	IDEAL Industries Lighting LLC	Gas Cooled LED Lamp	
P2068	Taiwan		ORD	103123465	08-Jul-2014	20151/0943	16-May-2015				Abandoned	IDEAL Industries Lighting LLC	LED Lamp	
P2068	Patent Cooperation Treaty		ORD	PCT/US14/45951	09-Jul-2014	WC001503648	15-Jan-2015				Abandoned	IDEAL Industries Lighting LLC	LED Lamp	
P2068	United States of America	1	CIP	13/693,627	11-Jul-2013	20130294092	07-Nov-2013	9,395,074	19-Jul-2016	07-Feb-2033	Granted	IDEAL Industries Lighting LLC	LED Lamp	
P2071	United States of America	1	CIP	13/688,121	22-Apr-2013	20140001952	02-Jan-2014	9,980,350	22-May-2016	14-Apr-2034	Granted	IDEAL Industries Lighting LLC	Removable Module for a Lighting Fixture	
P2072	United States of America	1	CIP	14/020,750	06-Sep-2013	US-2014-0070727	20-Mar-2014	9,622,951	21-Nov-2017	20-Oct-2031	Granted	IDEAL Industries Lighting LLC	LED Retrofit Lens for Fluorescent Tube	
P2077	United States of America	1	CIP	14/020,757	06-Sep-2013	US2014-0070728	02-Mar-2014	9,581,312	28-Feb-2017	29-Jun-2031	Granted	IDEAL Industries Lighting LLC	LED Light Fixtures having Elongated Prismatic Lenses	
P2078	United States of America	1	CIP	14/010,868	27-Aug-2013	20140039497	06-Feb-2014	9,234,838	12-Jan-2016	13-Apr-2032	Granted	IDEAL Industries Lighting LLC	LED Lamp	
P2078	Patent Cooperation Treaty		ORD	PCT/US14/452120	21-Aug-2014	WC0015031162	05-Mar-2015				Abandoned	IDEAL Industries Lighting LLC	LED LAMP	
P2082	Germany		PCT	112014005132.2	09-Jun-2016					04-Dec-2034	Pending	IDEAL Industries Lighting LLC	LED Configured for Targeted Spectral Power Distribution	
P2082	United States of America	0	FRD	81/912,040	06-Dec-2013					09-Dec-2014	Expired	IDEAL Industries Lighting LLC	Solid State Lighting Apparatus and Circuits Including LED Segments Configured for Targeted Spectral Power Distribution and Methods of Operating the Same	
P2082	United States of America	1	CIP	14/261,131	19-May-2014	US2014-0252967	11-Sep-2014	9,639,083	05-Dec-2017	28-Aug-2031	Granted	IDEAL Industries Lighting LLC	Solid State Lighting Apparatus and Circuits Including LED Segments Configured for Targeted Spectral Power Distribution and Methods of Operating the Same	
P2082	Patent Cooperation Treaty		ORD	PCT/US2014/098534	04-Dec-2014	WC02015/026250	11-Jun-2015			04-Dec-2034	Inactive	IDEAL Industries Lighting LLC	LED Configured for Targeted Spectral Power Distribution	
P2084	United States of America	1	ORD	14/044,483	02-Oct-2013	20150002449	02-Apr-2015	9,951,209	16-May-2017	27-Mar-2035	Granted	IDEAL Industries Lighting LLC	Modular Driver Module for Light Fixtures with LED Luminaires	
P2084	United States of America	2	ODN	14/221,488	28-May-2015	2015/0252971	10-Sep-2015	9,956,122	01-May-2016	02-Oct-2033	Granted	IDEAL Industries Lighting LLC	Modular Driver Module for Light Fixtures with LED Luminaires	
P2088	Germany		EPP	14829971.2	21-Jan-2016	3017863	11-May-2016	60014076204.2	31-Mar-2021	30-Jun-2034	Granted	IDEAL Industries Lighting LLC	LED Driver with Linearly Controlled Driving Current	
P2088	Patent Cooperation Treaty		ORD	PCT/US2014/044819	30-Jun-2014	WC0015/013006	29-Jan-2015				Inactive	IDEAL Industries Lighting LLC	LED Driver with Linearly Controlled Driving Current	
P2088	European Patent Convention		PCT	14829971.2	21-Jan-2016	3017863	11-May-2016	3017863	31-Mar-2021	30-Jun-2034	Granted	IDEAL Industries Lighting LLC	LED Driver with Linearly Controlled Driving Current	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TR
P2088	United States of America	1	PRI	13/602,717	01-Jul-2013	US2015-002049	01-Jan-2015	9,220,148	22-Dec-2015	01-Jul-2033	Granted	IDEAL Industries Lighting LLC	Light Emitting Diode Driver with Linearly Controlled Driving Circuit	
P2095	United States of America	1	ORD	14/064,183	19-Nov-2013	2015/0130784	21-May-2015	9,273,880	01-Mar-2016	03-Apr-2034	Granted	IDEAL Industries Lighting LLC	Sensor Module for a Lighting Fixture	
P2097	United States of America	0	FRD	81/840,852	23-Jun-2013					28-Jun-2014	Expired	IDEAL Industries Lighting LLC	LED Lamp	
P2097	Patent Cooperation Treaty		ORD	PCT/US14/39955	28-May-2014	2014209538	31-Dec-2014				Inactive	IDEAL Industries Lighting LLC	LED Lamp	
P2097	United States of America	1	ORD	13/943,152	16-Jul-2013	20150002089	01-Jan-2015	9,222,859	29-Dec-2015	16-Jul-2033	Granted	IDEAL Industries Lighting LLC	LED Lamp	
P2097	United States of America	2	CIP	14/265,823	30-Apr-2014	20150003070	01-Jan-2015	9,189,977	27-Oct-2015	19-Jul-2033	Granted	IDEAL Industries Lighting LLC	LED Lamp	
P2100	United States of America	1	ORD	14/045,149	03-Oct-2013	2015008230	08-Apr-2015	9,470,373	18-Oct-2016	14-Mar-2034	Granted	IDEAL Industries Lighting LLC	LED Lamp	
P2102	United States of America	2	ODN	16/925,662	10-Jul-2020	2020/044681	29-Oct-2020				Published	IDEAL Industries Lighting LLC	SYSTEMS AND METHODS FOR A CURRENT SHARING DRIVER FOR LIGHTING EMITTING DIODES	
P2102	United States of America	1	PRI	14/083,070	18-Nov-2013	US-2015-0137680	21-May-2015	10,743,384	11-Aug-2020	30-Dec-2035	Granted	IDEAL Industries Lighting LLC	SYSTEMS AND METHODS FOR A CURRENT SHARING DRIVER FOR LIGHTING EMITTING DIODES	
P2103	United States of America	1	ORD	14/953,004	25-Nov-2014	2015-0257218	10-Sep-2015	9,881,507	13-Jun-2017	25-Nov-2034	Granted	IDEAL Industries Lighting LLC	Switched-Mode Converter Control for Lighting Applications	
P2103	United States of America	0	FRD	81/850,589	10-Mar-2014					10-Mar-2015	Expired	IDEAL Industries Lighting LLC	Switched-Mode Converter Control for Lighting Applications	
P2105	United States of America	1	DES	29/462,422	02-Aug-2013			0728,140	28-Apr-2015	28-Apr-2029	Granted	IDEAL Industries Lighting LLC	Surface Ambient Wrap Light Fixture	
P2106	United States of America	1	CIP	13/658,461	02-Aug-2013	US2014-0298748	18-Sep-2014	9,874,333	23-Jan-2016	14-Mar-2033	Granted	IDEAL Industries Lighting LLC	Surface Ambient Wrap Light Fixture	
P2107	United States of America	1	ORD								Combined	IDEAL Industries Lighting LLC	Potted Plant	
P2109	United States of America	1	ORD	14/102,007	10-Dec-2013	2015-0168878	11-Jun-2015	10,470,263	05-Nov-2019	18-Jun-2034	Granted	IDEAL Industries Lighting LLC	Dimmable Lighting Systems and Methods of Dimming Lighting Systems	
P2112	United Kingdom	4	RFD	9/02431/088	24-Mar-2014			9/02431/088-0004	24-Mar-2014	24-Mar-2039	Granted	IDEAL Industries Lighting LLC	Lamps	
P2112	United Kingdom	3	RFD	9/02431/088	24-Mar-2014			9/02431/088-0003	24-Mar-2014	24-Mar-2039	Granted	IDEAL Industries Lighting LLC	Lamps	
P2112	United Kingdom	2	RFD	9/02431/088	24-Mar-2014			9/02431/088-0002	24-Mar-2014	24-Mar-2039	Granted	IDEAL Industries Lighting LLC	Lamps	
P2112	United Kingdom	1	RFD	9/02431/088	24-Mar-2014			9/02431/088-0001	24-Mar-2014	24-Mar-2039	Granted	IDEAL Industries Lighting LLC	Lamp	
P2112	Japan		DES	625/1/2014	25-Mar-2014			1522181	20-Mar-2015	20-Mar-2035	Granted	IDEAL Industries Lighting LLC	LAMP	
P2112	United States of America	1	DES	29/467,949	25-Sep-2013			0740,972	13-Oct-2015	13-Oct-2028	Granted	IDEAL Industries Lighting LLC	Lamp	
P2112	European Community	1-4	DES	002431/088	24-Mar-2014			002431/088-0004	24-Mar-2014	24-Mar-2039	Granted	IDEAL Industries Lighting LLC	Lamps	
P2112	European Community	1-3	DES	002431/088	24-Mar-2014			002431/088-0003	24-Mar-2014	24-Mar-2039	Granted	IDEAL Industries Lighting LLC	Lamps	
P2112	European Community	1-2	DES	002431/088	24-Mar-2014			002431/088-0002	24-Mar-2014	24-Mar-2039	Granted	IDEAL Industries Lighting LLC	Lamps	
P2112	European Community	1	DES	02431/088	24-Mar-2014			002431/088-0001	24-Mar-2014	24-Mar-2039	Granted	IDEAL Industries Lighting LLC	Lamp	
P2112	China (People's Republic)		DES	201430091138.3	24-Mar-2014			ZL201430091138.3	14-Jan-2015	24-Mar-2034	Granted	IDEAL Industries Lighting LLC	Lamp	
P2113	Patent Cooperation Treaty		ORD	PCT/US14/461172	12-Nov-2014	WC0015079508	21-May-2015				Abandoned	IDEAL Industries Lighting LLC	Multiple-Fly Solid State Light Fixture	
P2113	United States of America	1	ORD	14/060,986	15-Nov-2013	2015/0130776	21-May-2015	9,534,739	03-Jan-2017	19-Dec-2033	Granted	IDEAL Industries Lighting LLC	Multiple-Fly Solid State Light Fixture	
P2114	Germany		EPP	14802785.9	10-Jun-2016	3072362	28-Sep-2016	3072362	27-Feb-2019	08-Nov-2034	Granted	IDEAL Industries Lighting LLC	Ambient Light Regulation Methods	
P2114	France		EPP	14802785.9	10-Jun-2016	3072362	28-Sep-2016	3072362	27-Feb-2019	08-Nov-2034	Granted	IDEAL Industries Lighting LLC	Ambient Light Regulation Methods	

P214	United Kingdom		EPP	14802765.9	10-Jun-2016	3072362	28-Sep-2018	3072362	27-Feb-2019	09-Nov-2024	Granted	IDEAL Industries Lighting LLC	Ambient Light Regulation Methods	AI; BM; FJ; FK; GD; GG; GI; GY; HK; JE; KI; KY; MS; NR; SB; SC; SH; SL; TC; TV; VC; VO; VU
P214	Italy		EPP	14802765.9	10-Jun-2016	3072362	28-Sep-2018	3072362	27-Feb-2019	09-Nov-2024	Granted	IDEAL Industries Lighting LLC	Ambient Light Regulation Methods	
P214	United States of America	2	DDN	19578.562	28-Sep-2019	2020/030234	16-Jan-2020	10912170	02-Feb-2021	18-Feb-2024	Granted	IDEAL Industries Lighting LLC	Ambient Light Regulation Methods	
P214	United States of America	3	DDN	19687.405	24-Apr-2020	2020/025312	06-Aug-2020	10925130	16-Feb-2021	22-Nov-2023	Granted	IDEAL Industries Lighting LLC	Ambient Light Regulation Methods	
P214	European Patent Convention		PCT	14802765.9	10-Jun-2016	3072362	28-Sep-2018	3072362	27-Feb-2019	09-Nov-2024	Granted	IDEAL Industries Lighting LLC	Ambient Light Regulation Methods	AI; AT; BA; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; KR; LI; LT; LV; MA; MC; MD; ME; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TN; TR
P214	United States of America	1	PRI	14/007,308	22-Nov-2013	20150145410	28-May-2015	10,470,267	05-Nov-2019	23-Mar-2025	Granted	IDEAL Industries Lighting LLC	Ambient Light Regulation Methods	
P214	Patent Cooperation Treaty		ORD	PCT/US14/04205	09-Nov-2014	WO2015077028	28-May-2015				Inactive	IDEAL Industries Lighting LLC	Ambient Light Regulation Methods	
P217	United States of America	1	ORD	14/952,339	11-Oct-2013	US 20150102729	16-Apr-2015	9,822,321	11-Apr-2017	21-Feb-2024	Granted	IDEAL Industries Lighting LLC	SYSTEMS, DEVICES AND METHODS FOR CONTROLLING ONE OR MORE LIGHTS	
P2122	United States of America	1	ORD	13/955,889	31-Jul-2013	2015-0035443	05-Feb-2015	9,648,895	09-May-2017	07-Jul-2025	Granted	IDEAL Industries Lighting LLC	Lighting Apparatus for Use with Controlled Current Drivers	
P2123	United States of America	1	ORD								Combined	IDEAL Industries Lighting LLC	Method to Provide Constant Voltage From Constant Current Drivers	
P2125	United States of America	1	DES	29/489,650	11-Oct-2013			0739,350	22-Sep-2015	22-Sep-2029	Granted	IDEAL Industries Lighting LLC	LIGHTING CONTROL DEVICE	
P2126	European Patent Convention	1	DIV	20200993.8	08-Oct-2020	3779539	17-Feb-2021			30-Jan-2024	Abandoned	IDEAL Industries Lighting LLC	LED Package with Modified Primary Optic	AI; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LT; LV; MA; MC; MD; ME; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TN; TR
P2128	Germany		EPP	14745915.8	16-Jul-2015	2951626	09-Dec-2015	2951626	30-Dec-2020	30-Jan-2024	Granted	IDEAL Industries Lighting LLC	Optical Waveguides and Luminaires Incorporating Same	
P2128	France		EPP	14745915.8	16-Jul-2015	2951626	09-Dec-2015	2951626	30-Dec-2020	30-Jan-2024	Granted	IDEAL Industries Lighting LLC	Optical Waveguides and Luminaires Incorporating Same	
P2128	United Kingdom		EPP	14745915.8	16-Jul-2015	2951626	09-Dec-2015	2951626	30-Dec-2020	30-Jan-2024	Granted	IDEAL Industries Lighting LLC	Optical Waveguides and Luminaires Incorporating Same	AI; BM; FJ; FK; GD; GG; GI; GY; HK; JE; KI; KY; MS; NR; SB; SC; SH; SL; TC; TV; VC; VO; VU
P2128	United States of America	1	CIP	14/101,089	06-Dec-2013	US2014-0211502	31-Jul-2014	9,890,029	27-Jun-2017	20-Aug-2023	Granted	IDEAL Industries Lighting LLC	Optical Waveguides and Luminaires Incorporating Same	
P2128	United States of America	2	PCT	14/784,500	29-Jul-2015	2016-0005920	07-Jan-2016	9,773,760	28-Sep-2017	30-Jan-2024	Granted	IDEAL Industries Lighting LLC	LED Packages and Luminaires Incorporating the Same	
P2128	European Patent Convention		PCT	14745915.8	16-Jul-2015	2951626	09-Dec-2015	2951626	30-Dec-2020	30-Jan-2024	Granted	IDEAL Industries Lighting LLC	Optical Waveguides and Luminaires Incorporating Same	AI; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LT; LV; MA; MC; MD; ME; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TN; TR
P2128	Patent Cooperation Treaty		ORD	PCT/US2014/01393	30-Jan-2014	WO2014-120968	07-Aug-2014				Inactive	IDEAL Industries Lighting LLC	Optical Waveguides and Luminaires Incorporating Same	
P2128	China (People's Republic)		PCT								Abandoned	IDEAL Industries Lighting LLC	Protective Diffusive Coating for LED Lamp	
P2128	European Patent Convention		PCT								Abandoned	IDEAL Industries Lighting LLC	Protective Diffusive Coating for LED Lamp	
P2128	Taiwan		ORD	103100860	10-Jan-2014	201432198	18-Aug-2014				Abandoned	IDEAL Industries Lighting LLC	Protective Diffusive Coating for LED Lamp	
P2128	United States of America	1	CIP	13/961,208	25-Jul-2013	20140191653	10-Jul-2014				Abandoned	IDEAL Industries Lighting LLC	Protective Diffusive Coating for LED Lamp	
P2128	Patent Cooperation Treaty		ORD	PCT/US14/10988	09-Jan-2014	WO2014-110252	17-Jul-2014				Inactive	IDEAL Industries Lighting LLC	Protective Diffusive Coating for LED Lamp	
P2129	Germany		EPP	14748280.0	16-Jul-2015	2951497	09-Dec-2015	2951497	29-Jan-2020	30-Jan-2024	Granted	IDEAL Industries Lighting LLC	Optical Waveguide Assembly and Light Engine Including Same	
P2129	Italy		EPP	14748280.0	16-Jul-2015	2951497	09-Dec-2015	2951497	29-Jan-2020	30-Jan-2024	Granted	IDEAL Industries Lighting LLC	Optical Waveguide Assembly and Light Engine Including Same	
P2129	Netherlands		EPP	14748280.0	16-Jul-2015	2951497	09-Dec-2015	2951497	29-Jan-2020	30-Jan-2024	Granted	IDEAL Industries Lighting LLC	Optical Waveguide Assembly and Light Engine Including Same	
P2129	China (People's Republic)		PCT	2014030086750	30-Jul-2015	CN105102080	25-Nov-2015	ZL201480008675.0	09-Mar-2018	30-Jan-2024	Granted	IDEAL Industries Lighting LLC	Optical Waveguide Assembly and Light Engine Including Same	
P2129	European Patent Convention		PCT	14748280.0	16-Jul-2015	2951497	09-Dec-2015	2951497	29-Jan-2020	30-Jan-2024	Granted	IDEAL Industries Lighting LLC	Optical Waveguide Assembly and Light Engine Including Same	AI; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LT; LV; MA; MC; MD; ME; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TN; TR
P2129	United States of America	1	CIP	14/101,089	06-Dec-2013	US2014-0211504	31-Jul-2014	9,411,088	09-Aug-2016	20-Aug-2023	Granted	IDEAL Industries Lighting LLC	Optical Waveguide Assembly and Light Engine Including Same	
P2129	Patent Cooperation Treaty		ORD	PCT/US2014/01394	30-Jan-2014	WO2014-120965	07-Aug-2014				Inactive	IDEAL Industries Lighting LLC	Optical Waveguide Assembly and Light Engine Including Same	
P2130	United States of America	1	CIP	14/101,132	06-Dec-2013	US2014-0211503	31-Jul-2014	9,442,243	13-Sep-2016	12-May-2023	Granted	IDEAL Industries Lighting LLC	Waveguide Bodies Including Redirection Features and Methods of Producing Same	
P2131	United States of America	3	DIV	19/429,491	03-Jun-2019	2019-0301687	03-Oct-2019	10,808,891	20-Oct-2020	15-Mar-2023	Granted	IDEAL Industries Lighting LLC	Luminaires Using Waveguide Bodies and Optical Elements	
P2131	United States of America	4	DDN	17/036,982	28-Sep-2020	2021070566	14-Jan-2021	11,844,157	09-May-2022	15-Mar-2023	Granted	IDEAL Industries Lighting LLC	Luminaires Using Waveguide Bodies and Optical Elements	
P2131	United States of America	1	CIP	14/101,147	06-Dec-2013	US2014-0211482	31-Jul-2014	9,889,432	16-Jan-2018	30-Jan-2024	Granted	IDEAL Industries Lighting LLC	Luminaires Using Waveguide Bodies and Optical Elements	
P2131	United States of America	2	DDN	15/812,720	14-Nov-2017	2018-0098808	08-Mar-2018	10,344,922	09-Jul-2019	15-Mar-2023	Granted	IDEAL Industries Lighting LLC	Luminaires Using Waveguide Bodies and Optical Elements	
P2138	United States of America	1	ORD	14/971,733	05-Nov-2013	US 20150123595	07-May-2015	9,130,485	08-Sep-2015	01-Mar-2024	Granted	IDEAL Industries Lighting LLC	MINIMUM OFF TIME CONTROL SYSTEMS AND METHODS FOR SWITCHING POWER CONVERTERS IN DISCONTINUOUS CONDUCTION MODE	
P2139	United States of America	1	DES	29/498,381	06-Sep-2013			0788,471	09-May-2017	09-May-2021	Granted	IDEAL Industries Lighting LLC	Troffer Style Light Fixture	
P2139	China (People's Republic)		DES	2014303042902	25-Feb-2014	CN302938770.5	10-Sep-2014	ZL201430304290.2	10-Sep-2014	25-Feb-2024	Granted	IDEAL Industries Lighting LLC	Light Fixture	
P2140	United States of America	1	DES	29/473,157	19-Nov-2013			0742,334	03-Nov-2015	03-Nov-2029	Granted	IDEAL Industries Lighting LLC	Sensor Module	
P2141	United States of America	2	DIV	19/276,772	15-Feb-2019	2019-0108050	20-Jun-2019	11070490	20-Jul-2021	14-Apr-2023	Granted	IDEAL Industries Lighting LLC	Simplified Low Profile Module with Light Guide for Pendant, Surface Mount, Wall Mount, and Stand Alone Luminaires	
P2141	Patent Cooperation Treaty		ORD	PCT/US2014/013840	30-Jan-2014	WO2014-120915	07-Aug-2014				Inactive	IDEAL Industries Lighting LLC	Simplified Low Profile Module with Light Guide for Pendant, Surface Mount, Wall Mount and Stand Alone Luminaires	
P2141	European Patent Convention		PCT	14748997.0	16-Jul-2015	2951500	09-Dec-2015			30-Jan-2024	Published	IDEAL Industries Lighting LLC	Simplified Low Profile Module with Light Guide for Pendant, Surface Mount, Wall Mount and Stand Alone Luminaires	AI; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LT; LV; MA; MC; MD; ME; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TN; TR
P2141	United States of America	1	CIP	14/101,129	06-Dec-2013	2014-0211457	31-Jul-2014	10,234,618	19-Mar-2019	08-Jun-2023	Granted	IDEAL Industries Lighting LLC	Simplified Low Profile Module with Light Guide for Pendant, Surface Mount, Wall Mount, and Stand Alone Luminaires	
P2143	United States of America	4	DIV	19/523,008	26-Jul-2019	2019-0348911	14-Nov-2019	10,730,509	11-Aug-2020	15-Mar-2023	Granted	IDEAL Industries Lighting LLC	Optical Waveguide Bodies and Luminaires Utilizing Same	
P2143	United States of America	5	DDN	19/919,533	02-Jul-2020	2020/0333524	22-Oct-2020	11188313	09-Nov-2021	15-Mar-2023	Granted	IDEAL Industries Lighting LLC	Optical Waveguide Bodies and Luminaires Utilizing Same	
P2143	Germany		EPP	14749608.1	16-Jul-2015	2951499	09-Dec-2015	02201487711.2	26-May-2021	30-Jan-2024	Granted	IDEAL Industries Lighting LLC	Optical Waveguide Bodies and Luminaires Utilizing Same	
P2143	United Kingdom		EPP	14749608.1	16-Jul-2015	2951499	09-Dec-2015	2951499	26-May-2021	30-Jan-2024	Granted	IDEAL Industries Lighting LLC	Optical Waveguide Bodies and Luminaires Utilizing Same	AI; BM; FJ; FK; GD; GG; GI; GY; HK; JE; KI; KY; MS; NR; SB; SC; SH; SL; TC; TV; VC; VO; VU

P2143	United States of America	0	PRD	91/92,207	30-Dec-2013					30-Dec-2014	Expired	IDEAL Industries Lighting LLC	Optical Waveguide Bodies and Luminaires Utilizing Same	
P2143	United States of America	2	DIY	14/901,581	08-Jan-2016	2016-0124135	06-May-2016	9,925,638	18-Apr-2017	15-Mar-2033	Granted	IDEAL Industries Lighting LLC	Optical Waveguide Bodies and Luminaires Utilizing Same	
P2143	United States of America	1	ORD	14/577,720	19-Dec-2014	2015-0177439	25-Jun-2015				Abandoned	IDEAL Industries Lighting LLC	Optical Waveguide Bodies and Luminaires Utilizing Same	
P2143	Patent Cooperation Treaty		ORD	PCT/US2014/013937	30-Jan-2014	WO2014/120971	07-Aug-2014				Inactive	IDEAL Industries Lighting LLC	Optical Waveguide Bodies and Luminaires Utilizing Same	
P2143	China (People's Republic)		PCT	201430106895	30-Jul-2015	CN105102829	25-Nov-2015	105102829	15-Nov-2019	30-Jan-2034	Granted	IDEAL Industries Lighting LLC	Optical Waveguide Bodies and Luminaires Utilizing Same	
P2143	Japan		PCT	2015-559139	29-Jul-2015	2016-503200	18-Feb-2016	6517154	20-Apr-2019	30-Jan-2034	Abandoned	IDEAL Industries Lighting LLC	Optical Waveguide Bodies and Luminaires Utilizing Same	
P2143	United States of America	3	DDN	15/481,268	08-Apr-2017	2017-0212291	27-Jul-2017	10,459,142	29-Oct-2019	08-Jan-2038	Granted	IDEAL Industries Lighting LLC	Optical Waveguide Bodies and Luminaires Utilizing Same	
P2143	European Patent Convention		PCT	14749908.1	16-Jul-2015	2951499	09-Dec-2015	2951499	26-May-2021	30-Jan-2034	Granted	IDEAL Industries Lighting LLC	Optical Waveguide Bodies and Luminaires Utilizing Same	AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LI, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR
P2144	United States of America	1	ORD	14/94,939	03-Oct-2013	2015008206	08-Apr-2015	9,541,241	10-Jan-2017	18-Nov-2033	Granted	IDEAL Industries Lighting LLC	LED Lamp	
P2148	United States of America	1	ORD	14/188,200	30-Jan-2014	20150211723	30-Jul-2015	10,030,819	24-Jul-2018	30-Jan-2034	Granted	IDEAL Industries Lighting LLC	LED Lamp and Heat Sink	
P2151	Germany		EPP	1474512.5	16-Jul-2015	2951499	09-Dec-2015	60291409082.9	12-Aug-2020	30-Jan-2034	Granted	IDEAL Industries Lighting LLC	Optical Waveguide and Lamp Including Same	
P2151	China (People's Republic)		PCT	201480006873.1	30-Jul-2015	105164467	16-Dec-2015	ZL201480006873.1	13-Mar-2018	30-Jan-2034	Granted	IDEAL Industries Lighting LLC	Optical Waveguide and Lamp Including the Same	
P2151	European Patent Convention		PCT	1474512.5	16-Jul-2015	2951499	09-Dec-2015	2951499	12-Aug-2020	30-Jan-2034	Granted	IDEAL Industries Lighting LLC	Optical Waveguide and Lamp Including Same	AL, AT, BA, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, JP, LI, LT, LU, LV, MA, MC, MD, ME, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TN, TR
P2151	United States of America	1	DDP	14/101,051	08-Dec-2013	US 20140211497	31-Jul-2014	9,386,399	14-Jun-2018	15-Mar-2033	Granted	IDEAL Industries Lighting LLC	Optical Waveguide and Lamp Including Same	
P2151	Patent Cooperation Treaty		ORD	PCT/US2014/013891	30-Jan-2014	WO2014/120945	07-Aug-2014				Inactive	IDEAL Industries Lighting LLC	Optical Waveguide and Lamp Including Same	
P2154	United States of America	1	ORD	14/978,118	01-Nov-2013	2015-0124449	07-May-2015	9,273,833	01-Mar-2018	05-May-2034	Granted	IDEAL Industries Lighting LLC	LED Light Fixtures with Arrangement for Electrical Connection	
P2157	Germany		EPP	13872794.6	14-Jul-2015	2949181	02-Dec-2015	602913076808.0	07-Apr-2021	07-Nov-2033	Granted	IDEAL Industries Lighting LLC	Solid-State Lighting Apparatus with Filament Imitation	
P2157	United Kingdom		EPP	13872794.6	14-Jul-2015	2949181	02-Dec-2015	2949181	07-Apr-2021	07-Nov-2033	Granted	IDEAL Industries Lighting LLC	Solid-State Lighting Apparatus with Filament Imitation	AL, BM, F, F, FK, GD, GG, GR, GY, HK, IE, KI, KY, MS, NR, SB, SC, SH, SL, TC, TG, VC, VG, VU
P2157	European Patent Convention		PCT	13872794.6	14-Jul-2015	2949181	02-Dec-2015	2949181	07-Apr-2021	07-Nov-2033	Granted	IDEAL Industries Lighting LLC	Solid-State Lighting Apparatus with Filament Imitation	AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LI, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR
P2157	Taiwan	2	ORD	103135868	16-Oct-2014	1849004	21-Jan-2019	1849004	21-Jan-2019	15-Oct-2034	Abandoned	IDEAL Industries Lighting LLC	Solid-State Lighting Apparatus for use with Filament Ballasts	
P2157	United States of America	1	DDP	14/955,284	18-Oct-2013	US2014-0203717	24-Jul-2014	10,104,723	16-Oct-2018	12-Jun-2033	Granted	IDEAL Industries Lighting LLC	Solid-State Lighting Apparatus with Filament Imitation for Use with Fluorescent Ballasts	
P2157	United States of America	2	DDP	14/258,573	18-Apr-2014	2014022520	14-Aug-2014	10,045,409	07-Aug-2018	21-Feb-2033	Granted	IDEAL Industries Lighting LLC	Solid-State Lighting Apparatus for Use with Fluorescent Ballasts	
P2157	Patent Cooperation Treaty		ORD	PCT/US2013/009904	07-Nov-2013	WO2014/116328	31-Jul-2014				Inactive	IDEAL Industries Lighting LLC	Solid-State Lighting Apparatus with Filament Imitation	
P2157	Patent Cooperation Treaty	2	ORD	PCT/US2014/060504	15-Oct-2014	WO2015/057774	23-Apr-2015				Inactive	IDEAL Industries Lighting LLC	Solid-State Lighting Apparatus Used with Fluorescent Ballasts	
P2157	China (People's Republic)		PCT	201380071244.2	23-Jul-2015	104956767	30-Sep-2015	ZL201380071244.2	29-Aug-2017	07-Nov-2033	Granted	IDEAL Industries Lighting LLC	Solid-State Lighting Apparatus with Filament Imitation	
P2160	United States of America	1	ORD	14/079,743	14-Nov-2013	20150131293	14-May-2015	9,851,240	16-May-2017	24-Dec-2033	Granted	IDEAL Industries Lighting LLC	LED Lamp	
P2161	United States of America	1	POS	29/481,410	05-Feb-2014			07/28,142	28-Apr-2015	28-Apr-2029	Granted	IDEAL Industries Lighting LLC	OUTDOOR LIGHTING FIXTURE	
P2165	United States of America	1	DES	29/477,387	20-Dec-2013			07/40,785	13-Oct-2015	13-Oct-2029	Granted	IDEAL Industries Lighting LLC	CONFIGURATION TOOL	
P2166	United States of America	7	DRE	18/117,061	03-Mar-2023						Pending	IDEAL Industries Lighting LLC	Illumination Control Network	
P2166	United States of America	1-1	DDN	13/243449	23-Sep-2011	20120013257	19-Jan-2012				Abandoned	IDEAL Industries Lighting LLC	Illumination Control Network	
P2166	United States of America	1	ORD	12/148,501	18-Apr-2008	US 2008/0265799	30-Oct-2008	8,035,320	11-Oct-2011	18-Apr-2030	Granted	IDEAL Industries Lighting LLC	Illumination Control Network	
P2166	United States of America	4	DRE	15/494,789	24-Apr-2017			RE48,090	07-Jul-2020	16-Apr-2030	Granted	IDEAL Industries Lighting LLC	Illumination Control Network	
P2166	United States of America	0-2	PRD	89/913,796	24-Apr-2007					24-Apr-2008	Expired	IDEAL Industries Lighting LLC	Illumination Control Network	
P2166	United States of America	2	REI	14/051,709	11-Oct-2013			RE48,430	06-Jun-2017	16-Apr-2030	Granted	IDEAL Industries Lighting LLC	Illumination Control Network	
P2166	United States of America	5	DRE	15/494,689	24-Apr-2017			RE48,099	03-Nov-2020	16-Apr-2030	Granted	IDEAL Industries Lighting LLC	Illumination Control Network	
P2166	United States of America	6	DRE	15/862,797	09-Feb-2018			RE49,980	28-Mar-2023	16-Apr-2030	Granted	IDEAL Industries Lighting LLC	Illumination Control Network	
P2166	United States of America	3	DRE	15/494,684	24-Apr-2017			RE48,283	13-Oct-2020	16-Apr-2030	Granted	IDEAL Industries Lighting LLC	Illumination Control Network	
P2166	United States of America	0	PRD	89/912,567	20-Apr-2007					20-Apr-2008	Expired	IDEAL Industries Lighting LLC	Illumination Control Network	
P2167	United States of America	1	ORD	14/148,889	07-Jan-2014	20150192257	09-Jul-2015			07-Jan-2034	Abandoned	IDEAL Industries Lighting LLC	Narrow-Beam Optic and Lighting System Using Same	
P2169	United States of America	1	ORD	14/063,843	25-Oct-2013	20150115816	30-Apr-2015	9,591,707	07-Mar-2017	08-Jun-2035	Granted	IDEAL Industries Lighting LLC	Solid State Lighting Device and Method for Operating the Same	
P2170	United States of America	1	ORD	14/063,923	25-Oct-2013	201500115811	30-Apr-2015	9,540,443	17-Jan-2017	03-Apr-2035	Granted	IDEAL Industries Lighting LLC	Detection of Linear and PWM Dimming in a Solid State Lighting Device	
P2171	United States of America	1	ORD	14/185,123	20-Feb-2014	2015-0203544	20-Aug-2015	9,380,188	07-Jun-2018	20-Feb-2034	Granted	IDEAL Industries Lighting LLC	Remote Phosphor element Filled with Transparent Material and Method for Forming Multisection Optical Elements	
P2174	United States of America	1	ORD	14/103,063	11-Dec-2013	20150159848	11-Jun-2015	9,423,116	23-Aug-2018	18-Jul-2034	Granted	IDEAL Industries Lighting LLC	LED Lamp and Modular Lighting System	
P2175	European Community	3	DES	002451920-0003	24-Apr-2014			002451920-0003	24-Apr-2014	24-Apr-2039	Granted	IDEAL Industries Lighting LLC	Lighting Fixtures	
P2175	European Community	2	DES	002451920-0002	24-Apr-2014			002451920-0002	24-Apr-2014	24-Apr-2039	Granted	IDEAL Industries Lighting LLC	Lighting Fixtures	
P2175	China (People's Republic)		DES	201430111538.0	30-Apr-2014			ZL201430111538.0	15-Aug-2015	30-Apr-2024	Granted	IDEAL Industries Lighting LLC	Light Fixture	
P2175	European Community	1	DES	002451920-0001	24-Apr-2014			002451920-0001	24-Apr-2014	24-Apr-2039	Granted	IDEAL Industries Lighting LLC	Lighting Fixtures	
P2175	European Community	5	DES	002451920-0005	24-Apr-2014			002451920-0005	24-Apr-2014	24-Apr-2039	Granted	IDEAL Industries Lighting LLC	Lighting Fixtures	

P2175	United States of America	1	POS	29471,579	01-Nov-2013			D751,240	08-Mar-2016	08-Mar-2030	Granted	IDEAL Industries Lighting LLC	Light Fixture	
P2175	European Community	4	DES	003451930-0004	24-Apr-2014			003451930-0004	24-Apr-2014	24-Apr-2039	Granted	IDEAL Industries Lighting LLC	Lighting Fixtures	
P2175	United Kingdom	3	RPD	9002451930-0003	24-Apr-2014			9002451930-0003	24-Apr-2014	24-Apr-2039	Granted	IDEAL Industries Lighting LLC	Lighting Fixtures	
P2175	United Kingdom	2	RPD	9002451930-0002	24-Apr-2014			9002451930-0002	24-Apr-2014	24-Apr-2039	Granted	IDEAL Industries Lighting LLC	Lighting Fixtures	
P2175	United Kingdom	1	RPD	9002451930-0001	24-Apr-2014			9002451930-0001	24-Apr-2014	24-Apr-2039	Granted	IDEAL Industries Lighting LLC	Lighting Fixtures	
P2175	United Kingdom	5	RPD	9002451930-0005	24-Apr-2014			9002451930-0005	24-Apr-2014	24-Apr-2039	Granted	IDEAL Industries Lighting LLC	Lighting Fixtures	
P2175	United Kingdom	4	RPD	9002451930-0004	24-Apr-2014			9002451930-0004	24-Apr-2014	24-Apr-2039	Granted	IDEAL Industries Lighting LLC	Lighting Fixtures	
P2178	United States of America	1	ORD	14073,449	06-Nov-2013	20140063810	08-Mar-2014	9,441,819	13-Sep-2016	02-Jun-2034	Granted	IDEAL Industries Lighting LLC	Modular Optic for Changing Light Emitting Surface	
P2178	United States of America	2	CIP	14073,448	06-Nov-2013	20140063810	08-Mar-2014	9,429,268	30-Aug-2016	04-Apr-2034	Granted	IDEAL Industries Lighting LLC	Modular Optic for Changing Light Emitting Surface	
P2177	United States of America	1	ORD	14208,198	04-Jun-2014	20150357899	10-Dec-2015	9,594,105	22-Nov-2016	04-Jun-2034	Granted	IDEAL Industries Lighting LLC	ON-TIME CONTROL FOR SWITCHED-MODE POWER SUPPLIES	
P2178	United States of America	1	ORD	14208,210	04-Jun-2014	US 20150357800	10-Dec-2015	9,655,175	16-May-2017	06-Oct-2034	Granted	IDEAL Industries Lighting LLC	OFF-TIME CONTROL FOR SWITCHED-MODE POWER SUPPLIES	
P2184	United States of America	1	ORD	14224,501	25-Mar-2014	20150178770	25-Jun-2015	9,726,330	08-Aug-2017	24-Nov-2035	Granted	IDEAL Industries Lighting LLC	LED Lamp	
P2184	Patent Cooperation Treaty		ORD	PCT/US14/01561	16-Dec-2014	WO2015095171	25-Jun-2015				Abandoned	IDEAL Industries Lighting LLC	LED Lamp	
P2184	United States of America	0	PRD	81919,192	20-Dec-2013					20-Dec-2014	Expired	IDEAL Industries Lighting LLC	LED Lamp	
P2188	United States of America	1	ORD	14198,495	04-Mar-2014	2015-0253361	10-Sep-2015	9,435,634	08-Sep-2016	25-Nov-2034	Granted	IDEAL Industries Lighting LLC	Voltage Monitoring Circuit	
P2189	Patent Cooperation Treaty		ORD	PCT/US2014/026948	13-Mar-2014	WO2014-151688	25-Sep-2014				Inactive	IDEAL Industries Lighting LLC	Lens with Controlled Light Refraction	
P2189	European Patent Convention		PCT	14787925.2	18-Sep-2015	2971948	20-Jan-2016	2971948	17-Feb-2021	13-Mar-2034	Granted	IDEAL Industries Lighting LLC	Lens with Controlled Light Refraction	AI; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TR
P2189	United States of America	1	CIP	14155,061	14-Jan-2014	2014-0126209	08-May-2014	9,416,928	16-Aug-2016	14-Aug-2029	Granted	IDEAL Industries Lighting LLC	Lens with Controlled Light Refraction	
P2189	United States of America	2	DDN	15238,812	15-Aug-2016	2016-0348858	01-Dec-2016	10,119,662	08-Nov-2016	09-Sep-2029	Granted	IDEAL Industries Lighting LLC	Lens with Controlled Light Refraction	
P2189	Germany		EPP	14787925.2	18-Sep-2015	2971948	20-Jan-2016	602914074860.0	17-Feb-2021	13-Mar-2034	Granted	IDEAL Industries Lighting LLC	Lens with Controlled Light Refraction	
P2190	United States of America	1	ORD	14147,288	03-Jan-2014	2015-0192267	09-Jul-2015	9,583,479	23-Dec-2016	10-Sep-2034	Granted	IDEAL Industries Lighting LLC	LED Lens	
P2191	United States of America	1	CIP	14145,385	31-Dec-2013	US2014-0268750	18-Sep-2014	10768177	29-Sep-2020	29-Dec-2034	Granted	IDEAL Industries Lighting LLC	Lighting Fixture with Reflector and Template PCB	
P2191	United States of America	2	DDN	17071,583	02-Sep-2020	20200400279	24-Dec-2020	11,441,747	13-Sep-2022	15-Mar-2033	Granted	IDEAL Industries Lighting LLC	Lighting Fixture with Reflector and Template PCB	
P2192	United States of America	1	CIP	14145,559	31-Dec-2013	2014-0268730	18-Sep-2014	10,527,273	07-Jan-2020	04-Dec-2033	Granted	IDEAL Industries Lighting LLC	Lighting Fixture with Branching Heat Sink and Thermal Path Separation	
P2194	United States of America	2	DDN	15421,399	01-Feb-2017	20170150570	25-May-2017	10,045,418	07-Aug-2018	03-Apr-2029	Granted	IDEAL Industries Lighting LLC	SYSTEMS AND METHODS FOR HIGH OUTPUT, HIGH COLOR QUALITY LIGHT	
P2194	United States of America	1	CIP	14198,164	24-Feb-2014	US 20140347590	04-Sep-2014	9,593,837	14-Mar-2017	03-Apr-2029	Granted	IDEAL Industries Lighting LLC	SYSTEMS AND METHODS FOR HIGH OUTPUT, HIGH COLOR QUALITY LIGHT	
P2194	United States of America	3	REI	16988,068	08-Aug-2020						Allowed	IDEAL Industries Lighting LLC	SYSTEMS AND METHODS FOR HIGH OUTPUT, HIGH COLOR QUALITY LIGHT	
P2195	United States of America	1	DES	29478,149	31-Dec-2013			D750,317	03-Feb-2016	03-Feb-2030	Granted	IDEAL Industries Lighting LLC	Bay Lighting Fixture	
P2198	United States of America	1	ORD	14471,991	28-Aug-2014	2015-0192742	09-Jul-2015	9,851,740	16-May-2017	28-Aug-2034	Granted	IDEAL Industries Lighting LLC	Extraction Film for Optical Waveguide and Method of Producing Same	
P2198	European Patent Convention		ORD	14192325.0	07-Nov-2014	2894396	15-Jul-2015	2894396	24-Oct-2016	07-Nov-2034	Granted	IDEAL Industries Lighting LLC	Extraction Film for Optical Waveguide and Method of Producing Same	AI; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TR
P2198	United States of America	0	PRD	81925,589	09-Jan-2014					09-Jan-2015	Expired	IDEAL Industries Lighting LLC	Film Laminated to Waveguide Surface	
P2198	Germany		EPC	14192325.0	07-Nov-2014	2894396	15-Jul-2015	2894396	24-Oct-2016	07-Nov-2034	Granted	IDEAL Industries Lighting LLC	Extraction Film for Optical Waveguide and Method of Producing Same	
P2198	China (People's Republic)		ORD	2014106427000	07-Nov-2014	CN104777354A	15-Jul-2015	ZL2014106427000	03-Mar-2020	07-Nov-2034	Granted	IDEAL Industries Lighting LLC	Extraction Film for Optical Waveguide and Method of Producing Same	
P2199	United States of America	1	ORD	14527,405	29-Oct-2014	2015-0204461	23-Jul-2015	9,464,778	11-Oct-2016	29-Feb-2035	Granted	IDEAL Industries Lighting LLC	Lighting Device Utilizing a Double Fresnel Lens	
P2199	United States of America	0	PRD	81928,905	21-Jan-2014					21-Jan-2015	Expired	IDEAL Industries Lighting LLC	Optic System Utilizing a Double Fresnel Lens	
P2201	United States of America	1	ORD								Inactive	IDEAL Industries Lighting LLC	Primary Optic Modification in Existing Product for Improved Color Mixing without Widening Beam Angle - Shaped Optic	
P2202	United States of America	0	PRD	81983,369	08-Jan-2014						Inactive	IDEAL Industries Lighting LLC	Power over Ethernet Lighting Fixture	
P2202	United States of America	1	ORD	14588,762	02-Jan-2015	20150195683	09-Jul-2015	10,154,569	11-Dec-2016	09-Jan-2034	Granted	IDEAL Industries Lighting LLC	Power over Ethernet Lighting Fixture	
P2202	United States of America	2	DDN	14725,687	29-May-2015	20150294780	17-Sep-2015				Abandoned	IDEAL Industries Lighting LLC	Power over Ethernet Lighting Fixture	
P2203	United States of America	1	DES	29478,751	16-Dec-2013			D750,308	23-Feb-2016	23-Feb-2030	Granted	IDEAL Industries Lighting LLC	Linear Shell Light Fixture	
P2205	United States of America	2	CIP	14252,685	14-Apr-2014	2015-0167902	18-Jun-2015	10,100,968	19-Oct-2018	16-Dec-2033	Granted	IDEAL Industries Lighting LLC	Linear Shell Light Fixture with Reflectors	
P2205	United States of America	1	ORD	14108,168	16-Dec-2013	2015-0167901	18-Jun-2015	10,812,747	07-Apr-2020	30-Dec-2033	Granted	IDEAL Industries Lighting LLC	Linear Shell Light Fixture with Oap Filter Elements	
P2208	Patent Cooperation Treaty		ORD	PCT/US2015/02670	21-Apr-2015	WO2015164309	29-Oct-2015			06-Oct-2038	Inactive	IDEAL Industries Lighting LLC	High CR Solid State Lighting Devices with Enhanced Wetness	
P2208	Germany		PCT	112015001928.0	21-Oct-2016	112015001928.0	19-Jan-2017			21-Apr-2035	Published	IDEAL Industries Lighting LLC	High CR Solid State Lighting Devices with Enhanced Wetness	
P2208	United States of America	1	ORD	14259,963	23-Apr-2014	20150303633	29-Oct-2015	9,593,812	14-Mar-2017	03-Dec-2034	Granted	IDEAL Industries Lighting LLC	High CR Solid State Lighting Devices with Enhanced Wetness	
P2209	United States of America	1	ORD	14260,048	23-Apr-2014	20150312990	29-Oct-2015	9,241,384	19-Jan-2016	23-Apr-2034	Granted	IDEAL Industries Lighting LLC	Solid State Lighting Devices with Adjustable Color Point	
P2210	Patent Cooperation Treaty		ORD	PCT/US15/33476	01-Jun-2015	WO2015187531	10-Dec-2015			01-Jun-2035	Inactive	IDEAL Industries Lighting LLC	Lighting Device with Variable Garnut	
P2210	United States of America	1	PRI	14268,229	08-Jun-2014	20150399550	10-Dec-2015	9,192,913	17-Nov-2015	08-Jun-2034	Granted	IDEAL Industries Lighting LLC	Lighting Devices with Variable Garnut	

P2210	China (People's Republic)		PCT	20150041291.1	25-Jan-2017	CN109664795A	10-May-2017	ZL20150041291.1	05-Jul-2019	01-Jun-2025	Granted	IDEAL Industries Lighting LLC	Lighting Devices with Variable Garnul	
P2210	Germany		PCT	112015002803.5	21-Nov-2016	112015002803	27-Apr-2017			01-Jun-2025	Published	IDEAL Industries Lighting LLC	Lighting Devices with Variable Garnul	
P2211	United States of America	1	ORD	14/338,885	23-Jul-2014	20160025273	28-Jan-2016	9,534,741	03-Jan-2017	23-Jul-2024	Granted	IDEAL Industries Lighting LLC	Lighting Devices with Illumination Regimen Having Different Garnul Properties	
P2212	United States of America	1	ORD	14/288,327	06-Jun-2014	2015035372	10-Dec-2015	9,515,056	09-Dec-2016	08-Jun-2024	Granted	IDEAL Industries Lighting LLC	Sold State Lighting Device Including Narrow Spectrum Emitter	
P2214	United States of America	1	ORD	14/199,300	25-Feb-2014	20150240268	27-Apr-2015	9,516,704	13-Dec-2016	25-Feb-2024	Granted	IDEAL Industries Lighting LLC	LED Lamp with an Interior Electrical Connection	
P2216	United States of America	1	ORD	14/198,352	04-Mar-2014	20150252950	10-Sep-2015	9,759,307	12-Sep-2017	02-Apr-2024	Granted	IDEAL Industries Lighting LLC	Dual Optical Interface LED Lamp	
P2217	United States of America	1	FR	14/225,327	25-Mar-2014	2015-0278125	01-Oct-2015	10,527,225	07-Jan-2020	09-Nov-2024	Granted	IDEAL Industries Lighting LLC	Frame and Lens Upgrade Kit for Lighting Fixtures	
P2219	United States of America	1	FRI	14/170,627	02-Feb-2014	2015-0219319	06-Aug-2015	10,451,253	22-Oct-2019	02-Feb-2024	Granted	IDEAL Industries Lighting LLC	Troffer-Style Fixture with LED Strips	
P2220	United States of America	2NE	DER	29/720,003	09-Jan-2020			RE49320	06-Jul-2021	09-Jan-2022	Granted	IDEAL Industries Lighting LLC	Troffer-Style Fixture	
P2220	United States of America	2	DOV	29/925,657	30-Apr-2015			D097,558	09-Jan-2016	09-Jan-2022	Granted	IDEAL Industries Lighting LLC	Troffer-Style Fixture	
P2220	European Community	5	DES	002513887-0005	01-Aug-2014			002513887-0005	01-Aug-2014	01-Aug-2029	Granted	IDEAL Industries Lighting LLC	Lighting Fixtures	
P2220	United States of America	1	POS	29/481,156	02-Feb-2014			D772,485	22-Nov-2016	22-Nov-2020	Granted	IDEAL Industries Lighting LLC	Troffer-Style Fixture	
P2220	European Community	4	DES	002513887-0004	01-Aug-2014			002513887-0004	01-Aug-2014	01-Aug-2029	Granted	IDEAL Industries Lighting LLC	Lighting Fixtures	
P2220	European Community	3	DES	002513887-0003	01-Aug-2014			002513887-0003	01-Aug-2014	01-Aug-2029	Granted	IDEAL Industries Lighting LLC	Lighting Fixtures	
P2220	European Community	2	DES	002513887-0002	01-Aug-2014			002513887-0002	01-Aug-2014	01-Aug-2029	Granted	IDEAL Industries Lighting LLC	Lighting Fixtures	
P2220	European Community	1	DES	002513887	01-Aug-2014			002513887-0001	01-Aug-2014	01-Aug-2029	Granted	IDEAL Industries Lighting LLC	Lighting Fixtures	
P2220	United States of America	3	DRE	29/789731	02-Jun-2021			RE49320	04-Oct-2022	09-Jan-2020	Granted	IDEAL Industries Lighting LLC	Troffer-Style Fixture	
P2220	United Kingdom	5	RPO	9002513887-0005	01-Aug-2014			9002513887-0005	01-Aug-2014	01-Aug-2029	Granted	IDEAL Industries Lighting LLC	Lighting Fixtures	
P2220	United Kingdom	4	RPO	9002513887-0004	01-Aug-2014			9002513887-0004	01-Aug-2014	01-Aug-2029	Granted	IDEAL Industries Lighting LLC	Lighting Fixtures	
P2220	United Kingdom	3	RPO	9002513887-0003	01-Aug-2014			9002513887-0003	01-Aug-2014	01-Aug-2029	Granted	IDEAL Industries Lighting LLC	Lighting Fixtures	
P2220	United Kingdom	2	RPO	9002513887-0002	01-Aug-2014			9002513887-0002	01-Aug-2014	01-Aug-2029	Granted	IDEAL Industries Lighting LLC	Lighting Fixtures	
P2220	United Kingdom	1	RPO	9002513887	01-Aug-2014			9002513887-0001	01-Aug-2014	01-Aug-2029	Granted	IDEAL Industries Lighting LLC	Lighting Fixtures	
P2221	United States of America	1	ORD	14/278,443	15-May-2014	20150210017	30-Jul-2015	9,280,877	15-Mar-2016	02-May-2024	Granted	IDEAL Industries Lighting LLC	Sensor Module for a Lighting Fixture	
P2221	United States of America	0	PRQ	81/832,051	27-Jan-2014					27-Jan-2015	Expired	IDEAL Industries Lighting LLC	Sensor Module for a Lighting Fixture	
P2222	United States of America	1	DES	29/480,563	27-Jan-2014			D752,273	22-Mar-2016	22-Mar-2020	Granted	IDEAL Industries Lighting LLC	Sensor Module	
P2223	United States of America	1	ORD	14/259,202	23-Apr-2014	20150309628	19-Oct-2015	9,468,322	08-Nov-2016	05-Jun-2024	Granted	IDEAL Industries Lighting LLC	LED Lamp with LED Board Heat Sink	
P2224	United States of America	1	DES	29/481,543	06-Feb-2014			D749,788	18-Feb-2016	18-Feb-2020	Granted	IDEAL Industries Lighting LLC	Troffer-Style Light Fixture with Sensors	
P2225	Germany		EPP	14/83215.0	21-Sep-2015	29/2532	20-Jan-2016	29/2532	05-May-2021	15-Mar-2024	Granted	IDEAL Industries Lighting LLC	Optical Waveguide Body	
P2225	United Kingdom		EPP	14/83315.0	21-Sep-2015	29/2532	20-Jan-2016	29/2532	05-May-2021	15-Mar-2024	Granted	IDEAL Industries Lighting LLC	Optical Waveguide Body	AL, BM, FZ, FK, GD, GG, GI, GY, HK, JE, KI, KY, MS, NR, SB, SC, SH, SL, TC, TV, VC, VS, VU
P2225	Italy		EPP	14/83315.0	21-Sep-2015	29/2532	20-Jan-2016	29/2532	05-May-2021	15-Mar-2024	Granted	IDEAL Industries Lighting LLC	Optical Waveguide Body	
P2225	Patent Cooperation Treaty		ORD	PCT/US2014/030017	15-Mar-2014	WO2014145283	18-Sep-2014				Inactive	IDEAL Industries Lighting LLC	Optical Waveguide Body	
P2225	European Patent Convention		PCT	14/83315.0	21-Sep-2015	29/2532	20-Jan-2016	29/2532	05-May-2021	15-Mar-2024	Granted	IDEAL Industries Lighting LLC	Optical Waveguide Body	AL, AT, BE, BD, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LI, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR
P2225	United States of America	1	PCT	14/778,478	14-Sep-2015	2016-0047969	18-Feb-2016	9,568,962	14-Feb-2017	15-Mar-2023	Granted	IDEAL Industries Lighting LLC	Optical Waveguide Body	
P2226	United States of America	1	ORD	14/219,627	19-Mar-2014	20150287679	24-Sep-2015	9,328,879	03-May-2016	14-Nov-2024	Granted	IDEAL Industries Lighting LLC	High Efficiency LED Lamp	
P2227	United States of America	0	PRQ	80/541,462	03-Feb-2004					03-Feb-2005	Expired	IDEAL Industries Lighting LLC	BACK-REFLECTING LED LIGHT SOURCE	
P2227	United States of America	1	ORD	11/850,542	03-Feb-2005	20050180994	04-Aug-2005	7,246,921	24-Jul-2007	05-Apr-2025	Granted	IDEAL Industries Lighting LLC	BACK-REFLECTING LED LIGHT SOURCE	
P2228	United States of America	1	ORD	10/844,153	12-May-2004	20040280115	18-Nov-2004	7,188,388	19-Sep-2006	09-Aug-2024	Granted	IDEAL Industries Lighting LLC	HIGH-BRIGHTNESS LED PHOSPHOR COUPLING	
P2228	United States of America	0	PRQ	80/489,549	12-May-2003					12-May-2004	Expired	IDEAL Industries Lighting LLC	HIGH-BRIGHTNESS LED PHOSPHOR COUPLING	
P2229	United States of America	1	CIP	14/252,388	14-Apr-2014	US2014-0216944	07-Aug-2014	10,527,295	07-Jan-2020	04-Mar-2025	Granted	IDEAL Industries Lighting LLC	Mounting Assembly for Light Fixture	
P2231	United States of America	1	ORD	14/204,550	25-Mar-2014	20150279137	01-Oct-2015	9,388,948	12-Jul-2016	25-Mar-2024	Granted	IDEAL Industries Lighting LLC	LED Lamp	
P2231	United States of America	2	CIP	14/319,086	30-Jun-2014	20150276140	01-Oct-2015	9,326,874	03-May-2016	25-Mar-2024	Granted	IDEAL Industries Lighting LLC	LED Lamp	
P2231	Taiwan		ORD	104108404	24-Mar-2015	201542968	18-Nov-2015	9580740	21-Sep-2017	24-Mar-2025	Granted	IDEAL Industries Lighting LLC	LED Lamp	
P2231	Patent Cooperation Treaty		ORD	PCT/US2015/021200	18-Mar-2015	WO2015148207	01-Oct-2015			18-Mar-2025	Inactive	IDEAL Industries Lighting LLC	LED Lamp	
P2232	Netherlands		EPP	15/70917.6	02-Jan-2015	3092874	18-Nov-2016	3092874	11-Jul-2018	02-Jan-2025	Granted	IDEAL Industries Lighting LLC	Handheld Device that is Capable of Interacting with a Lighting Fixture	
P2232	China (People's Republic)		PCT	201500012209.2	06-Sep-2016	CN109663377A	26-Oct-2016	ZL201500012209.2	05-Jan-2018	02-Jan-2025	Granted	IDEAL Industries Lighting LLC	Handheld Device that is Capable of Interacting with a Lighting Fixture	
P2232	European Patent Convention		PCT	15/70917.6	24-Jun-2016	3092874	18-Nov-2016	3092874	11-Jul-2018	02-Jan-2025	Granted	IDEAL Industries Lighting LLC	Handheld Device that is Capable of Interacting with a Lighting Fixture	AL, AT, BE, BD, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LI, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR
P2232	Germany		EPP	15/70917.6	02-Jan-2015	3092874	18-Nov-2016	3092874	11-Jul-2018	02-Jan-2025	Granted	IDEAL Industries Lighting LLC	Handheld Device that is Capable of Interacting with a Lighting Fixture	
P2232	United States of America	0	PRQ	81/832,058	27-Jan-2014					27-Jan-2015	Expired	IDEAL Industries Lighting LLC	Enhanced Network Lighting	

P2232	United Kingdom		EPP	1570917.6	02-Jan-2015	3028274	18-Nov-2018	3028274	11-Jul-2018	02-Jan-2015	Granted	IDEAL Industries Lighting LLC	Handheld Device that is Capable of Interacting with a Lighting Fixture	
P2232	Japan		PCT	2016-544853	08-Jul-2016	2017-505914	23-Feb-2017			02-Jan-2015	Abandoned	IDEAL Industries Lighting LLC	Handheld Device that is Capable of Interacting with a Lighting Fixture	
P2232	United States of America	3	CIP	14-498,168	26-Sep-2014	20150040758	19-Feb-2015	9,872,397	19-Jan-2018	20-Aug-2032	Granted	IDEAL Industries Lighting LLC	Handheld Device for Grouping a Plurality of Lighting Fixtures	
P2232	United States of America	4	CIP	14-498,197	26-Sep-2014	20150038820	08-Jan-2015	9,723,673	01-Aug-2017	24-Aug-2032	Granted	IDEAL Industries Lighting LLC	Handheld Device for Merging Groups of Lighting Fixtures	
P2232	United States of America	5	CIP	14-498,219	26-Sep-2014	20150015145	15-Jan-2015	9,723,898	01-Aug-2017	21-Aug-2032	Granted	IDEAL Industries Lighting LLC	Handheld Device for Controlling Settings of a Lighting Fixture	
P2232	United States of America	6	ODN	15-031,408	04-Dec-2017	2018-0103269	12-Apr-2018	10,200,270	12-Feb-2019	01-Mar-2033	Granted	IDEAL Industries Lighting LLC	Switch Module for Controlling Lighting Fixtures in a Lighting Network	
P2232	Patent Cooperation Treaty		ORD	PCT/US15/101050	02-Jan-2015	WO2015103482	09-Jul-2015			02-Jan-2015	Inactive	IDEAL Industries Lighting LLC	Handheld Device that is Capable of Interacting with a Lighting Fixture	
P2232	United States of America	7	ODN	16-241,492	07-Jan-2019	2019-0141822	08-May-2019			18-Dec-2032	Abandoned	IDEAL Industries Lighting LLC	Enhanced Lighting Fixture	
P2232	United States of America	1	CIP	14-498,119	26-Sep-2014	20150038827	08-Jan-2015	9,706,817	11-Jul-2017	20-Aug-2032	Granted	IDEAL Industries Lighting LLC	Handheld Device that is Capable of Interacting with a Lighting Fixture	
P2232	China (People's Republic)	2	DIV	201711258347.8	04-Dec-2017	CN107920405A	17-Apr-2018	107920405	21-Feb-2020	02-Jan-2015	Granted	IDEAL Industries Lighting LLC	Handheld Device that is Capable of Interacting with a Lighting Fixture	
P2232	United States of America	2	CIP	14-498,147	26-Sep-2014	20150000031	08-Jan-2015	9,717,125	25-Jul-2017	20-Aug-2032	Granted	IDEAL Industries Lighting LLC	Enhanced Lighting Fixture	
P2232	United States of America	8	ODN	19-893,456	14-Aug-2020	20200375015	28-Nov-2020			18-Dec-2032	Published	IDEAL Industries Lighting LLC	Enhanced Lighting Fixture	
P2237	United States of America	1	ORD	14-223,324	24-Mar-2014	20150271898	24-Sep-2015	9,482,851	04-Oct-2016	02-Aug-2034	Granted	IDEAL Industries Lighting LLC	Three-Way Solid-State Light Bulb	
P2237	United States of America	0	PRD	62-005,985	30-May-2014					30-May-2015	Expired	IDEAL Industries Lighting LLC	Luminaire Utilizing Waveguide	
P2237	United States of America	0-2	PRD	62-025,438	16-Jul-2014					18-Jul-2015	Expired	IDEAL Industries Lighting LLC	Luminaire Utilizing Waveguide	
P2237	United States of America	0-3	PRD	62-025,905	17-Jul-2014					17-Jul-2015	Expired	IDEAL Industries Lighting LLC	Luminaire Utilizing Waveguide	
P2237	United States of America	1	ORD	14-485,689	12-Sep-2014	2015-0180366	11-Jun-2015	9,952,372	24-Apr-2018	08-Mar-2035	Granted	IDEAL Industries Lighting LLC	Luminaire Utilizing Waveguide	
P2237	United States of America	2	CIP	14-057,988	13-Mar-2015	2015-0253480	10-Sep-2015	9,709,725	10-Jul-2017	15-Mar-2033	Granted	IDEAL Industries Lighting LLC	Luminaire Utilizing Waveguide	
P2237	United States of America	3	DIV	15-862,066	17-Jul-2017	20180045875	15-Feb-2018	10,310,160	04-Jun-2019	15-Mar-2033	Granted	IDEAL Industries Lighting LLC	Luminaire Utilizing Waveguide	
P2237	Patent Cooperation Treaty	2	ORD	PCT/US2015/020601	13-Mar-2015	WO2015123702	20-Aug-2015			13-Mar-2015	Inactive	IDEAL Industries Lighting LLC	Luminaire Utilizing Waveguide	
P2237	Germany	2	PCT	112015001271.0	15-Sep-2016					13-Mar-2015	Pending	IDEAL Industries Lighting LLC	Luminaire Utilizing Waveguide	
P2238	United States of America	5	ODN	19-893,819	13-Nov-2019	2020-008704	28-Mar-2020	10866568	15-Dec-2020	15-Mar-2033	Granted	IDEAL Industries Lighting LLC	Multi-Waveguide LED Luminaire with Outward Emission	
P2238	Germany	2	PCT	112015002501.2	30-Nov-2016					21-May-2015	Pending	IDEAL Industries Lighting LLC	Outdoor and/or Enclosed Structure LED Luminaire	
P2238	United States of America	1	ORD	14-492,428	18-Aug-2014	US2014-0355302	04-Dec-2014	10,379,278	13-Aug-2019	18-Aug-2034	Granted	IDEAL Industries Lighting LLC	Outdoor and/or Enclosed Structure LED Luminaire for General Illumination Applications, such as Parking Lots and Structures	
P2238	United States of America	2	CIP	14-583,415	26-Dec-2014	2015-0109820	23-Apr-2015	10,502,899	10-Dec-2019	31-Oct-2035	Granted	IDEAL Industries Lighting LLC	Outdoor and/or Enclosed Structure LED Luminaire	
P2238	China (People's Republic)	2	PCT	20150035182.1	28-Dec-2016	109682712	10-May-2017	109682712	21-Jan-2020	18-Aug-2034	Granted	IDEAL Industries Lighting LLC	Outdoor and/or Enclosed Structure LED Luminaire	
P2238	Patent Cooperation Treaty	2	ORD	PCT/US2015/032011	21-May-2015	WO2015-198853	30-Dec-2015			18-Aug-2034	Inactive	IDEAL Industries Lighting LLC	Outdoor and/or Enclosed Structure LED Luminaire	
P2238	United States of America	3	CIP	14-671,512	27-Mar-2015	2015-0198760	16-Jul-2015	9,581,750	28-Feb-2017	15-Mar-2033	Granted	IDEAL Industries Lighting LLC	Outdoor and/or Enclosed Structure LED Luminaire	
P2238	United States of America	4	DIV	15-443,818	27-Feb-2017	20170180221	15-Jun-2017	10,042,109	07-Aug-2018	15-Mar-2033	Granted	IDEAL Industries Lighting LLC	Outdoor and/or Enclosed Structure LED Luminaire	
P2238	United States of America	0-2	PRD	62-009,039	06-Jun-2014					08-Jun-2015	Expired	IDEAL Industries Lighting LLC	Parking Structure LED Light	
P2238	United States of America	0	PRD	62-005,985	30-May-2014					30-May-2015	Expired	IDEAL Industries Lighting LLC	Parking Structure LED Light	
P2239	Germany		EPP	14-891-48.8	07-Sep-2016	3102873	14-Dec-2016	602914031857.9	23-Dec-2021	30-Dec-2034	Granted	IDEAL Industries Lighting LLC	Optical Waveguide Bodies and Luminaires Utilizing Same	
P2239	United Kingdom		EPP	14-891-48.8	07-Sep-2016	3102873	14-Dec-2016	3102873	22-Dec-2021	30-Dec-2034	Granted	IDEAL Industries Lighting LLC	Optical Waveguide Bodies and Luminaires Utilizing Same	A1; B6; F3; FK; G6; G8; G9; GY; HK; JE; KI; KY; MS; NR; SB; SC; SH; SL; TC; TV; VC; VB; VU
P2239	European Patent Convention		PCT	14-891-48.8	07-Sep-2016	3102873	14-Dec-2016	3102873	22-Dec-2021	30-Dec-2034	Granted	IDEAL Industries Lighting LLC	Optical Waveguide Bodies and Luminaires Utilizing Same	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LT; LU; LV; IAC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TR
P2239	United States of America	1	ORD	14-292,778	30-May-2014	2014-0347685	27-Nov-2014	9,388,799	14-Jun-2016	15-Mar-2033	Granted	IDEAL Industries Lighting LLC	Optical Waveguide Bodies and Luminaires Utilizing Same	
P2239	Patent Cooperation Treaty		ORD	PCT/US2014/072848	30-Dec-2014	WO2015/089516	18-Jun-2015			30-Dec-2034	Inactive	IDEAL Industries Lighting LLC	Optical Waveguide Bodies and Luminaires Same	
P2240	United States of America	1	ORD	14-449,531	01-Aug-2014	20160037597	04-Feb-2016	9,713,255	18-Jul-2017	01-Aug-2034	Granted	IDEAL Industries Lighting LLC	Overheating Safety Device and Luminaire	
P2244	United States of America	1	DES	29-485,940	25-Mar-2014			0745,886	22-Dec-2015	22-Dec-2029	Granted	IDEAL Industries Lighting LLC	LED Linear Lamp	
P2245	United States of America	1	DES	29-485,942	25-Mar-2014			0746,491	29-Dec-2015	29-Dec-2029	Granted	IDEAL Industries Lighting LLC	LED Linear Lamp	
P2248	Patent Cooperation Treaty		ORD	PCT/US15/223586	31-Mar-2015	WO2015157035	15-Oct-2015			31-Mar-2015	Inactive	IDEAL Industries Lighting LLC	LED Lamp	
P2248	Taiwan		ORD	104111272	08-Apr-2015	201542981	16-Nov-2015	579491	21-Apr-2017	08-Apr-2035	Abandoned	IDEAL Industries Lighting LLC	LED Lamp	
P2248	United States of America	0	PRD	81-977,383	09-Apr-2014					09-Apr-2015	Expired	IDEAL Industries Lighting LLC	LED Lamp	
P2248	United States of America	1	ORD	14-292,387	30-May-2014	20150026686	15-Oct-2015	9,562,677	07-Feb-2017	11-Apr-2034	Granted	IDEAL Industries Lighting LLC	LED Lamp Having at Least Two Sectors	
P2248	United States of America	1	ORD	14-224,531	25-Mar-2014	20150270130	01-Oct-2015	9,927,100	27-Mar-2018	27-Oct-2034	Granted	IDEAL Industries Lighting LLC	LED Lamp with LED Board Brace	
P2248	United States of America	2	CIP	14-295,830	04-Jun-2014	20150270139	01-Oct-2015	9,785,935	19-Sep-2017	25-Mar-2034	Granted	IDEAL Industries Lighting LLC	LED Lamp with LED Board Brace	
P2249	United States of America	1	ORD	14-293,390	13-Mar-2014	2015-0260377	17-Sep-2015	9,638,405	02-May-2017	30-Nov-2034	Granted	IDEAL Industries Lighting LLC	Adjustable Photocell Mounting Assembly	
P2251	United States of America	1	ORD	14-254,380	16-Apr-2014	20150300619	22-Oct-2015	9,435,528	06-Sep-2016	24-Jul-2034	Granted	IDEAL Industries Lighting LLC	LED LAMP WITH LED ASSEMBLY RETENTION MEMBER	
P2254	United States of America	1	DES	29-491,797	23-May-2014			0753,894	12-Apr-2016	12-Apr-2030	Granted	IDEAL Industries Lighting LLC	OUTDOOR LIGHTING FIXTURE	

P2258	United States of America	1	ORD	14/261,812	27-May-2014	20150345762	03-Dec-2015				Abandoned	IDEAL Industries Lighting LLC	Directional Lighting
P2259	United States of America	1	CIP	14/246,778	07-Apr-2014	US2014-0218941	07-Aug-2014	9,020,087	12-May-2015	15-Mar-2033	Granted	IDEAL Industries Lighting LLC	LED Light Fixture
P2259	United States of America	2	DDN	14/708,422	11-May-2015	2015-0241050	27-Aug-2015	9,255,705	09-Feb-2016	30-Sep-2028	Granted	IDEAL Industries Lighting LLC	LED Light Fixture
P2259	United States of America	3	DDN	15/017,571	08-Feb-2016	2016-0158649	02-Jun-2016	9,534,775	03-Jan-2017	30-Sep-2028	Granted	IDEAL Industries Lighting LLC	LED Light Fixture
P2260	United States of America	1	DES	29/454,541	11-Mar-2014			0748,298	26-Jan-2016	26-Jan-2030	Granted	IDEAL Industries Lighting LLC	LED Lamp
P2262	Patent Cooperation Treaty		ORD	PCT/US2015/032050	21-May-2015	WO2016-003551	07-Jan-2016			21-May-2035	Inactive	IDEAL Industries Lighting LLC	Luminaire with Selectable Luminous Intensity Pattern
P2262	Germany		PCT	11/2015030119.7	28-Nov-2016	DE11201503011915	04-May-2017			21-May-2035	Published	IDEAL Industries Lighting LLC	Luminaire with Selectable Luminous Intensity Pattern
P2262	United States of America	1	CIP	14/472,064	28-Aug-2014	2015-0355371	28-Feb-2015	10,209,429	19-Feb-2016	28-Feb-2035	Granted	IDEAL Industries Lighting LLC	Luminaire with Selectable Luminous Intensity Pattern
P2263	United States of America	1	DES	29/484,679	13-Mar-2014			0743,814	24-Nov-2015	24-Nov-2029	Granted	IDEAL Industries Lighting LLC	Photocatalytic Receptacle for Lighting Fixture
P2264	United States of America	1	ORD	14/201,108	19-May-2014	20150335580	19-Nov-2015	9,951,910	24-Apr-2016	04-Aug-2034	Granted	IDEAL Industries Lighting LLC	LED Lamp with Base Having a Biased Electrical Interconnect
P2265	United States of America	1	DES	29/498,754	16-Jul-2014			0784,091	16-Aug-2016	16-Aug-2030	Granted	IDEAL Industries Lighting LLC	roadway Luminaire
P2265	United States of America	2	DOV	29/574,418	15-Aug-2016			0636,235	18-Feb-2016	18-Feb-2033	Granted	IDEAL Industries Lighting LLC	roadway Luminaire
P2266	Patent Cooperation Treaty		ORD	PCT/US2015/032210	22-May-2015	WO2016-007231	14-Jan-2016			22-May-2035	Inactive	IDEAL Industries Lighting LLC	Optical Components for Luminaire
P2266	United States of America	2	DIV	15/389,487	05-Dec-2016	2017-0082269	23-Mar-2017	10,209,523	19-Feb-2019	18-Aug-2034	Granted	IDEAL Industries Lighting LLC	Optical Components for Luminaire
P2268	United States of America	1	ORD	14/482,381	18-Aug-2014	US2014-0355207	04-Dec-2014	9,513,424	08-Dec-2016	27-Dec-2034	Granted	IDEAL Industries Lighting LLC	Optical Components for Luminaire
P2268	China (People's Republic)		PCT	20150305156.8	28-Dec-2016	CN109468192B	19-Nov-2019	21,201580035156.8	19-Nov-2019	22-May-2035	Granted	IDEAL Industries Lighting LLC	Optical Components for Luminaire
P2268	Germany		PCT	11/2015002580.4	21-Nov-2016					22-May-2035	Pending	IDEAL Industries Lighting LLC	Optical Components for Luminaire
P2267	United Kingdom	2-2	RPO	9/02635276	17-Feb-2015			902635276-0002	17-Feb-2015	17-Feb-2040	Granted	IDEAL Industries Lighting LLC	Luminaire
P2267	United Kingdom	3	RPO	9/02635276	17-Feb-2015			902635276-0003	17-Feb-2015	17-Feb-2040	Granted	IDEAL Industries Lighting LLC	Luminaire
P2267	United Kingdom	2	RPO	9/02635276	17-Feb-2015			902635276-0001	17-Feb-2015	17-Feb-2040	Granted	IDEAL Industries Lighting LLC	Luminaire
P2267	European Community	2-2	DES	002635276	17-Feb-2015			002635276-0002	17-Feb-2015	17-Feb-2040	Granted	IDEAL Industries Lighting LLC	Luminaire
P2267	United States of America	2	DDN	29/517,728	16-Feb-2015			0777,388	24-Jan-2017	24-Jan-2031	Granted	IDEAL Industries Lighting LLC	Luminaire
P2267	European Community	2-3	DES	002635276	17-Feb-2015			002635276-0003	17-Feb-2015	17-Feb-2040	Granted	IDEAL Industries Lighting LLC	Luminaire
P2267	European Community	2	DES	002635276	17-Feb-2015			002635276-0001	17-Feb-2015	17-Feb-2040	Granted	IDEAL Industries Lighting LLC	Luminaire
P2267	China (People's Republic)	2	DES	2015300488902	17-Feb-2015			ZL2015300488902	30-Sep-2015	17-Feb-2025	Granted	IDEAL Industries Lighting LLC	Luminaire
P2267	United States of America	1	DES	29/498,708	18-Aug-2014			0781,483	12-Jul-2016	12-Jul-2030	Granted	IDEAL Industries Lighting LLC	Luminaire
P2268	European Community		DES	00267329	28-Nov-2014			00267329-0003	28-Nov-2014	28-Nov-2039	Granted	IDEAL Industries Lighting LLC	Lighting Apparatus
P2268	United States of America	1	DES	29/492,514	30-May-2014			0730,623	01-Sep-2015	01-Sep-2029	Granted	IDEAL Industries Lighting LLC	Lighting Apparatus
P2268	United Kingdom		RPO	9/0267329	28-Nov-2014			90267329-0003	28-Nov-2014	28-Nov-2039	Granted	IDEAL Industries Lighting LLC	Lighting Apparatus
P2269	United States of America	1	DES								Inactive	IDEAL Industries Lighting LLC	Double Fresnel Lens for Light Fixture (Design)
P2270	United States of America	1	ORD								Inactive	IDEAL Industries Lighting LLC	Hybrid Material Waveguide
P2271	United States of America	1	ORD								Inactive	IDEAL Industries Lighting LLC	Chowbeacca Parking Structure LED Light
P2272	United States of America	1	CIP	14/261,173	19-May-2014	US2014-0254199	11-Sep-2014	10,012,371	03-Jul-2018	20-Nov-2032	Granted	IDEAL Industries Lighting LLC	Solid State Lighting Apparatus Including Isolated Solid State Lighting Driver Circuits and Related Solid State Lighting Covers, Housing, and Lens
P2273	United States of America	1	ORD	14/508,915	07-Oct-2014	2016-0098296	07-Apr-2016	10,207,440	19-Feb-2019	28-May-2037	Granted	IDEAL Industries Lighting LLC	Apparatus and Method for Formation of Multi-Region Arches
P2276	United States of America	1	ORD	14/261,029	30-May-2014	20150312983	29-Oct-2015	9,791,110	17-Oct-2017	07-Aug-2034	Granted	IDEAL Industries Lighting LLC	High Efficiency Driver Circuit with Fast Response
P2278	United States of America	1	ORD	14/264,781	22-May-2014	20150308630	29-Oct-2015	9,616,182	11-Apr-2017	07-Nov-2034	Granted	IDEAL Industries Lighting LLC	LED Lamp
P2278	United States of America	0	PRO	81/884,487	25-Apr-2014					25-Apr-2015	Expired	IDEAL Industries Lighting LLC	LED Lamp
P2280	United States of America	1	DES	29/487,567	14-Apr-2014			0780,846	05-Jul-2016	05-Jul-2030	Granted	IDEAL Industries Lighting LLC	Light Fixture and Mounting Assembly Thereof (Design)
P2281	United States of America	1	DES	29/498,654	01-May-2014			0746,492	29-Dec-2015	29-Dec-2029	Granted	IDEAL Industries Lighting LLC	LED Lamp
P2282	United States of America	1	DES	29/487,579	14-Apr-2014			0757,324	24-May-2016	24-May-2030	Granted	IDEAL Industries Lighting LLC	Linear Shell Light Fixture with Reflectors
P2289	Germany		PCT	11/2015030118.9	28-Nov-2016					21-May-2035	Pending	IDEAL Industries Lighting LLC	Waveguide Having Unidirectional Illuminance
P2289	United States of America	0	PRO	82/020,888	03-Jul-2014					03-Jul-2015	Expired	IDEAL Industries Lighting LLC	Luminaires Utilizing Edge Coupling
P2289	United States of America	1	ORD	14/472,079	28-Aug-2014	US2015-004951.1	19-Feb-2015				Abandoned	IDEAL Industries Lighting LLC	Waveguide Having Unidirectional Illuminance
P2289	United States of America	2	DDN	15/277,670	27-Sep-2016	2017-0101452	11-May-2017	10,422,939	24-Sep-2019	24-Oct-2034	Granted	IDEAL Industries Lighting LLC	Waveguide Having Unidirectional Illuminance
P2289	Patent Cooperation Treaty		ORD	PCT/US2015/032040	21-May-2015	WO2016-003550	07-Jan-2016			21-May-2035	Inactive	IDEAL Industries Lighting LLC	Waveguide Having Unidirectional Illuminance
P2291	United States of America	1	ORD	14/292,001	30-May-2014	20150312674	29-Oct-2015	9,303,823	05-Apr-2016	30-May-2034	Granted	IDEAL Industries Lighting LLC	Septic Driver Circuit with Low Input Current Ripple
P2292	United States of America	1	DES	29/491,189	19-May-2014			0731,628	09-Jun-2015	09-Jun-2029	Granted	IDEAL Industries Lighting LLC	LED Recessed Light Apparatus
P2293	European Community	1	DES	002671880	22-Oct-2014			002671880-0001	22-Oct-2014	22-Oct-2039	Granted	IDEAL Industries Lighting LLC	Light Fixture

P2283	United States of America	1	DES	29493,633	02-May-2014				D743,088	10-Nov-2015	10-Nov-2029	Granted	IDEAL Industries Lighting LLC	Light Fixture
P2283	European Community	1-2	DES	002561880	22-Oct-2014				002561880-0002	22-Oct-2014	22-Oct-2038	Granted	IDEAL Industries Lighting LLC	Light Fixture
P2283	European Community	1-3	DES	002561880	22-Oct-2014				002561880-0003	22-Oct-2014	22-Oct-2038	Granted	IDEAL Industries Lighting LLC	Light Fixture
P2283	European Community	1-4	DES	002561880	22-Oct-2014				002561880-0004	22-Oct-2014	22-Oct-2038	Granted	IDEAL Industries Lighting LLC	Light Fixture
P2283	United Kingdom	1	RFD	9002561880	22-Oct-2014				9002561880-0001	22-Oct-2014	22-Oct-2038	Granted	IDEAL Industries Lighting LLC	Light Fixture
P2283	United Kingdom	2	RFD	9002561880	22-Oct-2014				9002561880-0002	22-Oct-2014	22-Oct-2038	Granted	IDEAL Industries Lighting LLC	Light Fixture
P2283	United Kingdom	3	RFD	9002561880	22-Oct-2014				9002561880-0003	22-Oct-2014	22-Oct-2038	Granted	IDEAL Industries Lighting LLC	Light Fixture
P2283	United Kingdom	4	RFD	9002561880	22-Oct-2014				9002561880-0004	22-Oct-2014	22-Oct-2038	Granted	IDEAL Industries Lighting LLC	Light Fixture
P2284	United States of America	1	ORD	14289,077	02-May-2014	2015-0318249	05-Nov-2015		9,810,421	07-Nov-2017	05-Feb-2035	Granted	IDEAL Industries Lighting LLC	LED Light Fixture
P2285	United States of America	1	DES	29491,583	22-May-2014				D740,458	08-Oct-2015	08-Oct-2028	Granted	IDEAL Industries Lighting LLC	LED Lamp
P2288	United States of America	1	DES	29492,058	28-May-2014				D747,011	05-Jan-2016	05-Jan-2030	Granted	IDEAL Industries Lighting LLC	LED Lamp
P2289	United States of America	1	CIP	14288,886	28-May-2014	20150062800	05-Mar-2015		9,951,909	24-Apr-2018	27-Jun-2024	Granted	IDEAL Industries Lighting LLC	LED Lamp
P2300	United States of America	1	ORD	14482,322	18-Aug-2014	US2015-0345747	03-Dec-2015		9,832,295	25-Apr-2017	01-Oct-2034	Granted	IDEAL Industries Lighting LLC	Flood Light
P2301	Germany		PCT	112015002545.6	25-Nov-2016				112015002545	24-May-2018	29-May-2035	Granted	IDEAL Industries Lighting LLC	Digitally Controlled Driver for Lighting Fixture
P2301	Germany	2	DVP	112015006797.3	07-Mar-2018						29-May-2035	Pending	IDEAL Industries Lighting LLC	Digitally Controlled Driver for Lighting Fixture
P2301	United States of America	1	PRI	14292,288	30-May-2014	20150351187	03-Dec-2015		10,728,250	30-Apr-2019	30-May-2034	Granted	IDEAL Industries Lighting LLC	Lighting Fixture Providing Variable CCT
P2301	United States of America	3	ORD	14292,383	30-May-2014	20150351191	03-Dec-2015		9,549,448	17-Jan-2017	30-May-2034	Granted	IDEAL Industries Lighting LLC	Wall Controller Controlling CCT
P2301	Patent Cooperation Treaty		ORD	PCT/US15/32431	28-May-2015	WO201510281.0	03-Dec-2015				28-May-2035	Inactive	IDEAL Industries Lighting LLC	Digitally Controlled Driver for Lighting Fixture
P2301	United States of America	2	ORD	14292,352	30-May-2014	20150351189	03-Dec-2015		9,723,880	01-Aug-2017	30-May-2034	Granted	IDEAL Industries Lighting LLC	Digitally Controlled Driver for Lighting Fixture
P2303	United States of America	1	ORD	14308,342	17-Jun-2014	20150382188	17-Dec-2015		9,816,183	11-Apr-2017	10-Nov-2034	Granted	IDEAL Industries Lighting LLC	LED Lamp with Electronics Board to Submount Connection
P2304	United States of America	1	DES	29513,380	07-Jan-2015				D790,737	27-Jun-2017	27-Jun-2031	Granted	IDEAL Industries Lighting LLC	LED Lamp
P2305	United States of America	1	ORD	14284,643	22-May-2014	20150342004	28-Nov-2015		9,192,016	17-Nov-2015	22-May-2034	Granted	IDEAL Industries Lighting LLC	Lighting Apparatus with Inductor Current Limiting for Noise Reduction
P2312	United Kingdom	4	RFD	9002587859	28-Nov-2014				9002587859-0004	28-Nov-2014	28-Nov-2039	Granted	IDEAL Industries Lighting LLC	LED Lamp
P2312	United Kingdom	3	RFD	9002587859	28-Nov-2014				9002587859-0003	28-Nov-2014	28-Nov-2039	Granted	IDEAL Industries Lighting LLC	LED Lamp
P2312	United Kingdom	2	RFD	9002587859	28-Nov-2014				9002587859-0002	28-Nov-2014	28-Nov-2039	Granted	IDEAL Industries Lighting LLC	LED Lamp
P2312	United Kingdom	1	RFD	9002587859	28-Nov-2014				9002587859-0001	28-Nov-2014	28-Nov-2039	Granted	IDEAL Industries Lighting LLC	LED Lamp
P2312	European Community	1-4	DES	002587859	28-Nov-2014				002587859-0004	28-Nov-2014	28-Nov-2039	Granted	IDEAL Industries Lighting LLC	LED Lamp
P2312	United States of America	1	DES	29492,459	30-May-2014				D747,012	05-Jan-2016	05-Jan-2030	Granted	IDEAL Industries Lighting LLC	LED Lamp
P2312	European Community	1-3	DES	002587859	28-Nov-2014				002587859-0003	28-Nov-2014	28-Nov-2039	Granted	IDEAL Industries Lighting LLC	LED Lamp
P2312	European Community	1-2	DES	002587859	28-Nov-2014				002587859-0002	28-Nov-2014	28-Nov-2039	Granted	IDEAL Industries Lighting LLC	LED Lamp
P2312	European Community	1	DES	002587859	28-Nov-2014				002587859-0001	28-Nov-2014	28-Nov-2039	Granted	IDEAL Industries Lighting LLC	LED Lamp
P2312	China (People's Republic)		DES	201430490383.0	01-Dec-2014				ZL201430490383.0	28-Aug-2015	01-Dec-2024	Granted	IDEAL Industries Lighting LLC	LED Lamp
P2320	United States of America	1	DES	29492,950	04-Jun-2014				D752,250	22-Mar-2016	22-Mar-2030	Granted	IDEAL Industries Lighting LLC	LED Linear Lamp
P2321	United States of America	1	ORD	14458,150	11-Aug-2014	20160403853	11-Feb-2016		9,930,118	10-Apr-2016	05-Dec-2034	Granted	IDEAL Industries Lighting LLC	Concealer Plate for a Lighting Fixture
P2321	United States of America	2	ODN	15904,535	28-Feb-2018	2018-0180221	28-Jun-2018		10,438,397	03-Oct-2019	11-Aug-2034	Granted	IDEAL Industries Lighting LLC	Concealer Plate for a Lighting Fixture
P2322	United States of America	1	ORD	14912,885	03-Feb-2015	2018-0223187	04-Aug-2018					Abandoned	IDEAL Industries Lighting LLC	Solder-Mask-Related Safety Accommodation Arrangement for LED Lighting Modules
P2323	United States of America	1	ORD									Combined	IDEAL Industries Lighting LLC	KR Series LMB Light Engine
P2327	United States of America	1	DES	29492,519	30-May-2014				D749,776	16-Feb-2016	16-Feb-2030	Granted	IDEAL Industries Lighting LLC	Lighting Apparatus
P2328	United Kingdom	1	RFD	9002587329	28-Nov-2014				9002587329-0001	28-Nov-2014	28-Nov-2039	Granted	IDEAL Industries Lighting LLC	Lighting Apparatus
P2328	United Kingdom	2	RFD	9002587329	28-Nov-2014				9002587329-0002	28-Nov-2014	28-Nov-2039	Granted	IDEAL Industries Lighting LLC	Lighting Apparatus
P2328	European Community	1	DES	002587329	28-Nov-2014				002587329-0001	28-Nov-2014	28-Nov-2039	Granted	IDEAL Industries Lighting LLC	Lighting Apparatus
P2328	European Community	1-2	DES	002587329	28-Nov-2014				002587329-0002	28-Nov-2014	28-Nov-2039	Granted	IDEAL Industries Lighting LLC	Lighting Apparatus
P2328	United States of America	2	DOV	29522,952	03-Apr-2015				D757,348	24-May-2016	24-May-2030	Granted	IDEAL Industries Lighting LLC	Lighting Apparatus
P2328	United States of America	1	DES	29492,522	30-May-2014				D738,034	01-Sep-2015	01-Sep-2029	Granted	IDEAL Industries Lighting LLC	Lighting Apparatus
P2329	United States of America	1	DES	29492,523	30-May-2014				D743,090	10-Nov-2015	10-Nov-2029	Granted	IDEAL Industries Lighting LLC	Lighting Apparatus
P2329	United States of America	2	DOV	29522,954	03-Apr-2015				D757,349	24-May-2016	24-May-2030	Granted	IDEAL Industries Lighting LLC	Lighting Apparatus
P2330	Germany		EPP	16718253.4	25-Oct-2017	EP3281495	14-Feb-2018		602016027715.1	08-Jan-2020	28-Mar-2038	Granted	IDEAL Industries Lighting LLC	Daylighting for Different Groups of Lighting Fixtures
P2330	Italy		EPP	16718253.4	25-Oct-2017	EP3281495	14-Feb-2018		5002000003928	08-Jan-2020	28-Mar-2038	Granted	IDEAL Industries Lighting LLC	Daylighting for Different Groups of Lighting Fixtures

P2330	Netherlands		EPP	18718353.4	25-Oct-2017	EP3281495	14-Feb-2018	3281495	08-Jan-2020	28-Mar-2020	Granted	IDEAL Industries Lighting LLC	Daylighting for Different Groups of Lighting Fixtures	
P2330	China (People's Republic)		PCT	201602020201	30-Sep-2017	107432075	01-Dec-2017	ZL201602020202.1	24-Sep-2019	28-Mar-2020	Granted	IDEAL Industries Lighting LLC	Daylighting for Different Groups of Lighting Fixtures	
P2330	Patent Cooperation Treaty		ORD	PCT/US19/24426	28-Mar-2019	2019-184188	13-Oct-2019			28-Mar-2020	Inactive	IDEAL Industries Lighting LLC	Daylighting for Different Groups of Lighting Fixtures	
P2330	United States of America	1	ORD	14/681,846	08-Apr-2015	2016-0302279	13-Oct-2016	9,456,482	27-Sep-2016	08-Apr-2020	Granted	IDEAL Industries Lighting LLC	Daylighting for Different Groups of Lighting Fixtures	
P2330	European Patent Convention		PCT	18718353.4	25-Oct-2017	EP3281495	14-Feb-2018	3281495	08-Jan-2020	28-Mar-2020	Granted	IDEAL Industries Lighting LLC	Daylighting for Different Groups of Lighting Fixtures	AI; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SK; SM; TR
P2330	Japan		PCT	201755007	08-Oct-2017	2018-513532	24-May-2018	6417406	12-Oct-2018	28-Mar-2020	Granted	IDEAL Industries Lighting LLC	Daylighting for Different Groups of Lighting Fixtures	
P2321	United States of America	1	ORD	14/451,623	05-Aug-2014	20160041204	11-Feb-2016	9,488,787	08-Nov-2016	05-Aug-2020	Granted	IDEAL Industries Lighting LLC	LED Based Lighting System	
P2328	United States of America	1	ORD	14/573,064	17-Dec-2014	2018-0178158	23-Jun-2016				Abandoned	IDEAL Industries Lighting LLC	Lamp with Diffusive Enclosure	
P2327	United States of America	1	ORD	14/563,062	25-Nov-2014	2018-0150614	28-May-2018	9,877,374	23-Jan-2018	25-Nov-2020	Granted	IDEAL Industries Lighting LLC	Lighting Apparatus and Methods Providing Variable Illumination Characteristics Based on Object Detection	
P2349	United States of America	1	ORD	14/638,214	02-Dec-2014	US2016-0156289	02-Jun-2016	9,854,010	18-May-2017	18-Mar-2020	Granted	IDEAL Industries Lighting LLC	Power Converter Circuitry with Switching Frequency Control Circuitry	
P2341	United States of America	1	ORD	14/445,431	21-Aug-2014	2019-0057203	25-Feb-2018	9,585,218	28-Feb-2017	21-Mar-2020	Granted	IDEAL Industries Lighting LLC	Lighting Apparatus with Variable Current Switching Frequency and Methods of Operating Same	
P2342	United States of America	1	ORD	14/445,580	21-Aug-2014	2019-0057808	25-Feb-2018	9,648,687	09-May-2017	30-May-2020	Granted	IDEAL Industries Lighting LLC	Lighting Apparatus Using Series Connected Current Sources and Methods of Operating Same	
P2344	United States of America	1	ORD	14/623,314	16-Feb-2015	20190241765	16-Aug-2018	9,869,477	29-Jun-2017	18-Jun-2020	Granted	IDEAL Industries Lighting LLC	Lighting Fixture with Image Sensor	
P2345	United States of America	1	ORD	14/462,312	18-Aug-2014	2019-0047528	18-Feb-2018	9,410,674	09-Aug-2018	18-Aug-2020	Granted	IDEAL Industries Lighting LLC	LED Lens	
P2348	Germany		EPP	14889050.6	07-Jul-2016	3111138	04-Jan-2017	602014078358.2	23-Jun-2021	30-Dec-2024	Granted	IDEAL Industries Lighting LLC	Luminaires Utilizing Edge Coupling	
P2348	United Kingdom		EPP	14889050.6	07-Jul-2016	3111138	04-Jan-2017	3111138	23-Jun-2021	30-Dec-2024	Granted	IDEAL Industries Lighting LLC	Luminaires Utilizing Edge Coupling	AI; BM; FJ; FK; GD; GG; GQ; GR; HJ; HK; JE; JI; KY; MS; NR; SB; SC; SH; SL; TC; TV; VC; VU; YU
P2348	European Patent Convention		PCT	14889050.6	07-Jul-2016	3111138	04-Jan-2017	3111138	23-Jun-2021	30-Dec-2024	Granted	IDEAL Industries Lighting LLC	Luminaires Utilizing Edge Coupling	AI; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SK; SM; TR
P2348	United States of America	1	CIP	14/472,025	28-Apr-2014	2015-0355369	26-Feb-2015	9,845,303	06-May-2017	15-Mar-2020	Granted	IDEAL Industries Lighting LLC	Luminaires Utilizing Edge Coupling	
P2348	United States of America	2	DIV	15/478,052	31-Mar-2017	2017-0205567	20-Jul-2017	10,180,487	01-Jan-2019	15-Mar-2020	Granted	IDEAL Industries Lighting LLC	Luminaires Utilizing Edge Coupling	
P2348	Patent Cooperation Treaty		ORD	PCT/US2014/072880	30-Dec-2014	WO2015/089517	18-Jun-2015			30-Dec-2024	Inactive	IDEAL Industries Lighting LLC	Luminaires Utilizing Edge Coupling	
P2347	United States of America	1	ORD	14/694,889	23-Apr-2015	2018-0315489	27-Oct-2016	9,735,617	15-Aug-2017	20-Apr-2020	Granted	IDEAL Industries Lighting LLC	Load Control System Operable Under Different Power Supply Conditions	
P2348	United States of America	1	ORD	14/478,789	27-Aug-2014	2019-0081416	03-Mar-2016	9,757,912	12-Sep-2017	14-Mar-2020	Granted	IDEAL Industries Lighting LLC	One-Piece Multi-lens Optical Member with Ultraviolet Inhibitor and Method of Manufacture	
P2349	United States of America	1	PRI	14/625,712	19-Feb-2015	2018-0245479	25-Aug-2018	9,915,409	13-Mar-2018	03-Apr-2020	Granted	IDEAL Industries Lighting LLC	Lens with Facilitated Light Diffusion	
P2349	United States of America	2	DIV	15/885,125	31-Jan-2018	US2018-0156416	07-Jun-2018	10,870,244	22-Dec-2020	31-Oct-2026	Granted	IDEAL Industries Lighting LLC	Method for Manufacturing Lens with Facilitated Light Diffusion	
P2350	United States of America	3	ODN	16/508,842	12-Jul-2019	2019-0335558	31-Oct-2019	10,849,197	24-Nov-2020	10-Feb-2025	Granted	IDEAL Industries Lighting LLC	LED Luminaire	
P2350	United States of America	1	PRI	14/618,819	10-Feb-2015	2018-0234300	11-Aug-2018	9,788,378	10-Oct-2017	20-Mar-2020	Granted	IDEAL Industries Lighting LLC	LED Luminaire	
P2350	United States of America	2	DIV	15/727,178	08-Oct-2017	20180035508	01-Feb-2018	10,383,168	13-Aug-2018	10-Feb-2020	Granted	IDEAL Industries Lighting LLC	LED Luminaire	
P2351	United States of America	1	CIP	14/638,242	04-Mar-2015	2015-0241021	27-Aug-2015	9,920,901	20-Mar-2018	15-Mar-2020	Granted	IDEAL Industries Lighting LLC	LED Lending Arrangement	
P2352	United States of America	1	ORD	14/487,240	25-Aug-2014	20180057824	25-Feb-2018	10,271,390	23-Apr-2019	14-Mar-2020	Granted	IDEAL Industries Lighting LLC	Solid State Lighting Fixture with Compound Semiconductor Driver Circuitry	
P2354	United States of America	1	ORD	14/487,251	25-Aug-2014	20180057825	25-Feb-2018	9,844,107	12-Dec-2017	10-Aug-2020	Granted	IDEAL Industries Lighting LLC	HIGH EFFICIENCY DRIVER CIRCUITRY FOR A SOLID STATE LIGHTING FIXTURE	
P2356	United States of America	3	ODN	18/003,919	09-Jan-2023	20220151944	18-May-2023				Published	IDEAL Industries Lighting LLC	LED Luminaire	
P2358	United States of America	1	CIP	14/918,684	10-Feb-2015	2015-0345715	03-Dec-2015	10,935,211	02-Mar-2021	05-Oct-2026	Granted	IDEAL Industries Lighting LLC	LED Luminaire and Components Thereof	
P2356	United States of America	2	DIV	17185335	25-Feb-2021	20210199263	01-Jul-2021	11,549,659	10-Jan-2023	22-Sep-2024	Granted	IDEAL Industries Lighting LLC	LED Luminaire with a Smooth Outer Dome and a Cavity with a Ridged Inner Surface	
P2357	United States of America	1	ORD	14/551,658	24-Nov-2014	2018-0148425	26-May-2018	9,470,334	18-Oct-2016	24-Nov-2024	Granted	IDEAL Industries Lighting LLC	Optical Member with In-Situ-Formed Gaskets and Method of Manufacture	
P2358	United States of America	1	DES	29/498,788	07-Aug-2014			0754,687	28-Apr-2016	28-Apr-2020	Granted	IDEAL Industries Lighting LLC	LED Lamp	
P2359	United States of America	2	DIV	15/911,563	05-Mar-2018	20180199405	12-Jul-2018	10,430,377	01-Oct-2019	01-Jul-2025	Granted	IDEAL Industries Lighting LLC	Control Circuit for Modulating an Analog Dimming Command Signal	
P2359	Patent Cooperation Treaty		ORD	PCT/US2019/049504	30-Jun-2019	WO2019/100427	05-Jan-2020			30-Jun-2028	Inactive	IDEAL Industries Lighting LLC	Control Circuit for Modulating an Analog Dimming Command Signal	
P2359	China (People's Republic)		PCT	201880047361.9	01-Jan-2018	107989098	17-Apr-2018	ZL201880047361.9	04-Dec-2020	30-Jun-2028	Granted	IDEAL Industries Lighting LLC	Control Circuit for Modulating an Analog Dimming Command Signal	
P2359	United States of America	1	PRI	14/788,580	01-Jul-2015	20170036673	05-Jan-2017	9,913,327	06-Mar-2018	09-Aug-2020	Granted	IDEAL Industries Lighting LLC	Control Circuit for Modulating an Analog Dimming Command Signal	
P2360	United States of America	1	PRI	14/569,319	05-Jan-2015	US2016-0195252	07-Jul-2016	10,234,121	19-Mar-2019	14-Sep-2020	Granted	IDEAL Industries Lighting LLC	Flat Trim Ring Lens for Occupancy Sensors	
P2362	United States of America	3	DIV	15/930,015	12-May-2020	20200271290	27-Aug-2020	11,428,373	30-Aug-2022	14-May-2025	Granted	IDEAL Industries Lighting LLC	Edge L4 Fixture	
P2362	Germany		PCT	112015304502.3	27-Apr-2017	112015304502	10-Aug-2017			27-Oct-2020	Published	IDEAL Industries Lighting LLC	Edge L4 Fixture	
P2362	Patent Cooperation Treaty		ORD	PCT/US2015/057649	27-Oct-2015	WO2016-098945	08-May-2018			27-Oct-2020	Inactive	IDEAL Industries Lighting LLC	Edge L4 Fixture	
P2362	United States of America	2	CIP	14/622,621	13-Feb-2015	20160119118	28-Apr-2016	10,600,305	23-Jun-2020	11-Jan-2028	Granted	IDEAL Industries Lighting LLC	Edge L4 Fixture	
P2362	United States of America	1	PRI	14/528,368	28-Oct-2014	2018-0119138	28-Apr-2016	11,079,076	03-Aug-2021	28-Oct-2024	Granted	IDEAL Industries Lighting LLC	Edge L4 Fixture	
P2367	United States of America	1	ORD	14/537,005	10-Nov-2014	2018-0125270	12-May-2018	10,126,960	13-Nov-2018	12-May-2020	Granted	IDEAL Industries Lighting LLC	Antenna Arrangement for a Solid-State Lamp	
P2368	United States of America	1	ORD	14/541,913	14-Nov-2014	2018-0148914	16-May-2018	9,595,845	14-Mar-2017	14-Nov-2024	Granted	IDEAL Industries Lighting LLC	Methods and Systems for Emergency Lighting	
P2373	United States of America	1	ORD	14/538,088	12-Nov-2014	2018-0121348	12-May-2018	9,993,548	27-Feb-2018	28-Mar-2020	Granted	IDEAL Industries Lighting LLC	Fixture Mounting System	

P2374	United States of America	1	ORD	14/038,509	27-Jan-2015	2016-0215508	28-Jul-2016	9,702,524	11-Jul-2017	29-Apr-2035	Granted	IDEAL Industries Lighting LLC	High Color-Saturation Lighting Devices	
P2378	United States of America	1	ORD	14/031,909	25-Feb-2015	2016-0245462	25-Aug-2016	9,851,077	26-Dec-2017	14-Jun-2035	Granted	IDEAL Industries Lighting LLC	LED Lamp with Compact Fluorescent Lamp Form Factor	
P2379	United States of America	1	ORD	14/564,228	06-Dec-2014	2016-0181062	09-Jun-2016	9,759,389	12-Sep-2017	25-May-2035	Granted	IDEAL Industries Lighting LLC	LED Based Candelabra Lamp	
P2380	United States of America	1	DES	29/511,241	09-Dec-2014			0789,889	11-Oct-2016	11-Oct-2030	Granted	IDEAL Industries Lighting LLC	LED Lamp	
P2395	United States of America	1	ORD	14/020,519	12-Feb-2015	2016-0238220	18-Aug-2016	10,168,030	01-Jan-2019	27-Dec-2035	Granted	IDEAL Industries Lighting LLC	LED Lamp with Fusible Metal Heat Management Elements	
P2399	United States of America	1	ORD	14/001,476	16-Jul-2015	2015-0318703	05-Nov-2015				Abandoned	IDEAL Industries Lighting LLC	Dual Edge Coupler	
P2400	United States of America	1	DES	29/512,756	22-Dec-2014			0750,314	23-Feb-2016	23-Feb-2030	Granted	IDEAL Industries Lighting LLC	Photocontrol Receptacle for Lighting Fixture	
P2404	United States of America	1	ORD	14/857,062	13-Mar-2015	2016-0265728	15-Sep-2016	9,702,512	11-Jul-2017	30-Jun-2035	Granted	IDEAL Industries Lighting LLC	Solid-State Lamp with Angular Distribution Optic	
P2404	Patent Cooperation Treaty		ORD	PCT/US2019/020580	03-Mar-2016	WO2016148924	22-Sep-2016				Inactive	IDEAL Industries Lighting LLC	Solid-State Lamp with Angular Distribution Optic	
P2411	United States of America	1	ORD								Combined	IDEAL Industries Lighting LLC	LED Lamp and Electrical Connector	
P2413	United States of America	1	ORD								Inactive	IDEAL Industries Lighting LLC	Universal Input LED Driver Compatible with Traditional Fluorescent Ballasts	
P2414	United States of America	1	ORD	14/869,739	26-Mar-2015	2016-0286616	29-Sep-2016	9,681,510	13-Jun-2017	26-Mar-2035	Granted	IDEAL Industries Lighting LLC	Lighting Device with Operation Responsive to Geospatial Position	
P2415	United States of America	0	PRD	82/131,600	13-Mar-2015					10-Mar-2016	Expired	IDEAL Industries Lighting LLC	LED Based Light Bulb	
P2415	United States of America	1	ORD								Abandoned	IDEAL Industries Lighting LLC	Design and Method for LED Based Light Bulb	
P2418	United States of America	1	FRI	14/862,707	09-Apr-2015	2016-0266208	13-Oct-2016	10,302,278	26-May-2019	14-May-2038	Granted	IDEAL Industries Lighting LLC	LED Bulb with Down-Reflecting Optic	
P2417	United States of America	1	CIP	14/813,308	30-Jul-2015	2015-0351190	03-Dec-2015	9,706,611	11-Jul-2017	13-Jul-2034	Granted	IDEAL Industries Lighting LLC	Solid State Lighting Apparatuses, Circuit, Methods, and Computer Program Products Providing Targeted Spectral Power Distribution Output Using Pulse Width Modulation Control	
P2418	United States of America	1	ORD								Inactive	IDEAL Industries Lighting LLC	Light On Driver	
P2419	United States of America	1	ORD								Inactive	IDEAL Industries Lighting LLC	Single Mechanical Fixture	
P2422	United States of America	1	CIP	14/732,167	05-Jun-2015	US2016-0195434	07-Jul-2016	10,480,998	19-Nov-2019	19-Feb-2035	Granted	IDEAL Industries Lighting LLC	Light Fixture with Integrated Sensor	
P2425	United States of America	1	ORD	14/701,025	30-Apr-2015	2016-0322972	03-Nov-2016	9,871,522	16-Jan-2018	30-Apr-2035	Granted	IDEAL Industries Lighting LLC	Voltage Level Shifting Circuit for Signal Levels and/or Power Supply Voltage Levels Using Constant Voltage Circuit Elements, Lighting Apparatuses and Methods of Operating the Same	
P2429	United States of America	1	ORD								Inactive	IDEAL Industries Lighting LLC	LED Lamp	
P2430	United States of America	0	PRD	82/108,372	27-Jan-2015					27-Jan-2018	Expired	IDEAL Industries Lighting LLC	HIGH COLOR-SATURATION LIGHTING DEVICES WITH ENHANCED LONG WAVELENGTH ILLUMINATION	
P2430	United States of America	1	ORD	14/702,564	01-May-2015	2016-0218254	28-Jul-2016	9,530,944	27-Dec-2016	01-May-2035	Granted	IDEAL Industries Lighting LLC	High Color-Saturation Lighting Devices with Enhanced Long Wavelength Illumination	
P2432	United States of America	1	ORD								Abandoned	IDEAL Industries Lighting LLC	High Color-Saturation Lighting Device with Narrow-Band Red Light Source	
P2433	United States of America	2	DIV	16/536,163	13-Aug-2019	2020/0003947.6	02-Jan-2020	11/980,317	24-Aug-2021	15-Mar-2033	Granted	IDEAL Industries Lighting LLC	Multi-Stage Optical Waveguide for a Luminaire	
P2433	United States of America	3	QDN	17/346700	14-Jun-2021	202101011246	07-Oct-2021	11,675,120	13-Jun-2022	15-Mar-2033	Granted	IDEAL Industries Lighting LLC	Optical Waveguides for Light Fixtures and Luminaires	
P2433	United States of America	1	CIP	14/728,152	29-May-2015	2015-0269005	17-Sep-2015	10,422,944	24-Sep-2019	20-Apr-2033	Granted	IDEAL Industries Lighting LLC	Multi-Stage Optical Waveguide for a Luminaire	
P2425	United States of America	1	DES	29/517,163	10-Feb-2015			0782,726	28-Mar-2017	28-Mar-2031	Granted	IDEAL Industries Lighting LLC	Luminaire	
P2441	United States of America	1	DES	29/517,831	13-Feb-2015			0779,659	21-Feb-2017	21-Feb-2031	Granted	IDEAL Industries Lighting LLC	Edge Lit Recessed Linear Fixture in Ceiling	
P2442	United States of America	1	ORD								Combined	IDEAL Industries Lighting LLC	Lighting Wall Controller Using Power Over Ethernet	
P2444	United States of America	1	DES	29/517,603	13-Feb-2015			0797,976	19-Sep-2017	19-Sep-2031	Granted	IDEAL Industries Lighting LLC	Edge Lit Recessed Linear Fixture	
P2447	United States of America	1	DES	29/517,159	10-Feb-2015			0783,036	11-Apr-2017	11-Apr-2031	Granted	IDEAL Industries Lighting LLC	Luminaire	
P2448	Germany		PCT	11/2016003947.6	26-Aug-2016					26-Aug-2038	Pending	IDEAL Industries Lighting LLC	Optical Element and Method of Forming an Optical Element	
P2448	Patent Cooperation Treaty		ORD	PCT/US2019/048926	26-Aug-2016	WO2017-095982	20-Apr-2017			26-Aug-2038	Inactive	IDEAL Industries Lighting LLC	Optical Element and Method of Forming an Optical Element	
P2448	United States of America	1	CIP	14/039,557	28-Aug-2015	2015-0370000	24-Dec-2015	9,798,072	24-Oct-2017	19-Dec-2034	Granted	IDEAL Industries Lighting LLC	Optical Element and Method of Forming an Optical Element	
P2449	European Patent Convention		PCT	18/026,631	15-Feb-2018	3/26434	30-May-2018	3/30434	16-Dec-2020	22-Jul-2038	Granted	IDEAL Industries Lighting LLC	Lighting Apparatus Using Multiple LED Strips with Current Mirror Circuitry and Methods of Operating Same	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LU; LT; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SK; SI; TR
P2449	United States of America	1	FRI	14/807,431	23-Jul-2015	2017-0327033	26-Jan-2017	10,809,911	26-Jun-2018	28-Jul-2035	Granted	IDEAL Industries Lighting LLC	LIGHTING APPARATUS USING MULTIPLE LED STRIPS WITH CURRENT MIRROR CIRCUITRY AND METHODS OF OPERATING SAME	
P2449	Patent Cooperation Treaty		ORD	PCT/US2019/043454	22-Jul-2016	WO2017-015524	26-Jan-2017			22-Jul-2038	Inactive	IDEAL Industries Lighting LLC	Lighting Apparatus Using Multiple LED Strips with Current Mirror Circuitry and Methods of Operating Same	
P2449	Germany		EPP	18/026,631	15-Feb-2018	3/26434	30-May-2018	6/02016049807.6	16-Dec-2020	22-Jul-2038	Granted	IDEAL Industries Lighting LLC	Lighting Apparatus Using Multiple LED Strips with Current Mirror Circuitry and Methods of Operating Same	
P2452	United States of America	1	DES	29/523,265	08-Apr-2015			0779,324	10-Jan-2017	10-Jan-2031	Granted	IDEAL Industries Lighting LLC	LED Recessed Light Apparatus (Design)	
P2453	Germany		PCT	11/2016003708.2	14-Feb-2016	11/2016003708	30-May-2016			12-Aug-2038	Published	IDEAL Industries Lighting LLC	Lighting Fixture Sensor Network	
P2453	Patent Cooperation Treaty		ORD	PCT/US2019/046776	12-Aug-2016	2017-030959	23-Feb-2017			12-Aug-2038	Inactive	IDEAL Industries Lighting LLC	Lighting Fixture Sensor Network	
P2453	United States of America	3	QDN	15/843,029	15-Dec-2017	2018-0110111	19-Apr-2018	10,271,405	23-Apr-2019	14-Aug-2035	Granted	IDEAL Industries Lighting LLC	Lighting Fixture Sensor Network	
P2453	United States of America	1	ORD	14/026,892	14-Aug-2015	2017-0048949	16-Feb-2017	9,750,112	29-Aug-2017	14-Aug-2035	Granted	IDEAL Industries Lighting LLC	Lighting Fixture Sensor Network	
P2453	United States of America	2	QDN	15/234,853	28-Oct-2016	2017-0048950	16-Feb-2017	9,888,548	09-Feb-2018	14-Aug-2035	Granted	IDEAL Industries Lighting LLC	Lighting Fixture Sensor Network	
P2454	United States of America	1	ORD	14/725,936	29-May-2015	2016/0348884	01-Dec-2016	9,890,940	13-Feb-2016	23-Aug-2035	Granted	IDEAL Industries Lighting LLC	LED Board with Peripheral Thermal Contact	
P2458	United States of America	1	ORD	14/745,654	22-Jun-2015	2016-0389961	22-Dec-2016	10,007,298	19-Jun-2018	22-Feb-2038	Granted	IDEAL Industries Lighting LLC	Trapezoidal PIR Sensor Lens	
P2459	United States of America	1	ORD	14/702,462	01-May-2015	2016-0323967	03-Nov-2016	10,070,495	04-Sep-2018	01-May-2035	Granted	IDEAL Industries Lighting LLC	Controlling the Drive Signal in a Lighting Fixture Based on Ambient Temperature	

P2460	United States of America	1	ORD							Abandoned	IDEAL Industries Lighting LLC	Use of Electroactive Polymers to Create Adjustable Luminaires
P2462	United Kingdom	1	RFD	9/20/2015	21-Apr-2015			900285206-0001	21-Apr-2015	21-Apr-2040	Granted	Updated IG Luminaire (Design)
P2462	United Kingdom	2	RFD	9/20/2015	21-Apr-2015			900285206-0002	21-Apr-2015	21-Apr-2040	Granted	Updated IG Luminaire (Design)
P2462	United States of America	1	DES	29/5/2011	27-Mar-2015			D781_486	14-Mar-2017	14-Mar-2031	Granted	Luminaire
P2462	China (People's Republic)		DES	2015301232073	30-Apr-2015	CN303457331S	18-Nov-2015	2L2015301232073	18-Nov-2015	30-Apr-2025	Granted	Updated IG Luminaire (Design)
P2462	European Community	1	DES	002685206	21-Apr-2015			002685206-0001	21-Apr-2015	21-Apr-2040	Granted	Updated IG Luminaire (Design)
P2462	European Community	1-2	DES	002685206	21-Apr-2015			002685206-0002	21-Apr-2015	21-Apr-2040	Granted	Updated IG Luminaire (Design)
P2463	United States of America	1	DES	29/5/2011	29-May-2015			D779_690	14-Feb-2017	14-Feb-2032	Granted	Luminaire
P2466	United States of America	1	DES	29/5/2011	13-Mar-2015			D782_719	28-Mar-2017	28-Mar-2031	Granted	Roadway Luminaire
P2466	United States of America	2	DOV	29/5/2011	09-Mar-2017			D839_485	22-Jan-2018	22-Jan-2033	Granted	Roadway Luminaire
P2468	United States of America	1	ORD	14/7/3,260	24-Jun-2015						Abandoned	ELECTRICAL SYSTEMS AND METHODS HAVING IMPROVED THERMAL PERFORMANCE
P2469	United States of America	0	PRQ	62/126,413	07-Jul-2015					07-Jul-2018	Expired	Lighting Devices for Illuminating Printed Material
P2469	United States of America	1	ORD	15/204,000	07-Jul-2016	2017-3011670	12-Jan-2017	9,795,243	24-Oct-2017	07-Jul-2036	Granted	Lighting Devices Including Solid State Emitter Groups for Illuminating Printed Material with Enhanced Vibrancy
P2470	United States of America	1	ORD	14/733,241	08-Jun-2015	20160259428	08-Dec-2016	10,082,289	25-Sep-2018	24-Dec-2035	Granted	LED Lamp
P2473	United States of America	1	ORD	14/874,080	02-Oct-2015	20160289819	29-Sep-2016	9,899,858	04-Jul-2017	02-Oct-2035	Granted	Upgradeable Lighting Fixture
P2473	United States of America	0	PRQ	62/138,209	25-Mar-2015					25-Mar-2018	Expired	Upgradeable Lighting Fixture
P2478	United States of America	1	ORD	14/749,785	25-Jun-2015	2016-0377225	29-Dec-2016	10,906,581	28-Jun-2018	28-Sep-2035	Granted	LED Lamp
P2479	United States of America	1	ORD								Abandoned	Wetguide Based Luminaires with Coatings of Downconverters for High Efficacy Luminaires and Signage
P2480	United States of America	1	ORD								Abandoned	Heating Component for Electronic Device
P2481	United States of America	1	ORD	14/726,175	15-Jun-2015	20160263307	15-Dec-2016	10,132,488	20-Nov-2018	06-Apr-2038	Granted	LED Lamp with Axial Directed Reflector
P2482	United States of America	1	ORD	14/734,884	09-Jul-2015						Abandoned	LED Based Lighting System
P2484	United States of America	1	ORD	14/739,185	15-Jun-2015	2016-0363303	15-Dec-2016	9,903,576	27-Feb-2018	01-Jan-2038	Granted	Lighting Apparatus with Electrical Connector and Control Module
P2485	United States of America	1	ORD	14/763,670	29-Jun-2015	2016-0377275	29-Dec-2016	9,874,341	23-Jan-2018	20-Dec-2035	Granted	Double Fresnel PIR Lens
P2488	United States of America	1	ORD	14/813,565	30-Jul-2015	US2017/0307529	02-Feb-2017	9,999,723	09-Mar-2018	30-Jan-2038	Granted	Small Form Factor LED Lamp with Color Controlled Dimming
P2489	United States of America	1	ORD								Abandoned	BFM0
P2492	United States of America	1	ORD	14/752,604	29-Jun-2015	2016-0377261	29-Dec-2016	10,012,354	03-Jul-2018	09-Feb-2038	Granted	Adjustable Retrofit LED Troffer
P2495	United States of America	1	CIP	14/699,172	29-Apr-2015	2015-0233537	20-Aug-2015	10,054,274	21-Aug-2018	19-May-2024	Granted	Direct Attach Ceiling-Mounted Solid State Downlights
P2496	United States of America	1	CIP	14/818,964	28-Jul-2015	2016-0242552	18-Aug-2016	9,766,619	11-Jul-2017	16-Feb-2035	Granted	Lighting Fixture with Image Sensor
P2498	United States of America	1	ORD								Abandoned	Optical Film with Embedded Microstructures
P2501	United States of America	1	ORD								Abandoned	Asymmetric LED Lighting Engine
P2502	United States of America	1	DES								Inactive	Canister Downlight (Design)
P2505	United States of America	1	ORD	14/795,162	09-Jul-2015						Abandoned	Linear LED Lighting System with Controlled Distribution
P2506	United States of America	1	ORD								Abandoned	LED Filament with Thermal Substrate
P2509	United States of America	1	ORD								Inactive	Dynamically Adjustable Optical Elements
P2511	United States of America	1	ORD								Abandoned	Direct Coupling of CoB LEDs to Light Guide
P2519	United States of America	1	DES	29/5/2011	26-May-2015			D777_354	24-Jan-2017	24-Jan-2032	Granted	LED Light Bulb
P2523	United States of America	3	DDN	19/435,855	10-Jun-2019	2019-0297704	28-Sep-2019	11116054	07-Sep-2021	28-Nov-2038	Granted	Lighting Device Including Solid State Emitter with Adjustable Control
P2523	United States of America	4	DDN	17/4691/08	03-Sep-2021	2021/0400781	23-Dec-2021				Allowed	Lighting Device Including Solid State Emitters with Adjustable Control
P2523	Germany		EPP	18739937.1	11-Jan-2018	3308905	18-Apr-2018	3308805	03-Aug-2022	11-Jun-2038	Granted	Lighting Device with Adjustable Operation
P2523	Netherlands		EPP	18739937.1	11-Jan-2018	3308905	18-Apr-2018	3308805	03-Aug-2022	11-Jun-2038	Granted	Lighting Device with Adjustable Operation
P2523	United States of America	0	PRQ	62/174,474	11-Jun-2015					11-Jun-2018	Expired	Lighting Device with Adjustable Operation
P2523	Japan		PCT	2017-584510	11-Dec-2017	2018-331470	25-Oct-2018	6851130	24-Jan-2020	11-Jun-2038	Granted	Lighting Device with Adjustable Operation
P2523	United States of America	1	ORD	15/179,658	10-Jun-2016	2016-03098749	15-Dec-2016	9,900,957	20-Feb-2018	10-Jun-2038	Granted	Lighting Device Including Solid State Emitter with Adjustable Control
P2523	United States of America	2	DDN	15/808,134	01-Feb-2018	US2018-0160504	07-Jun-2018	10,412,809	10-Sep-2019	10-Jun-2038	Granted	Lighting Device Including Solid State Emitter with Adjustable Control
P2523	Patent Cooperation Treaty		ORD	PCT/IB2016/053454	11-Jun-2016	2016-199101	15-Dec-2016			11-Jun-2038	Inactive	Lighting Device with Adjustable Operation
P2523	European Patent Convention		PCT	18739937.1	11-Jan-2018	3308905	18-Apr-2018	3308805	03-Aug-2022	11-Jun-2038	Granted	Lighting Device with Adjustable Operation
P2523	China (People's Republic)		PCT	201600047467.9	11-Feb-2016	107628091	17-Apr-2016	2L201600047467.9	02-Mar-2020	11-Jun-2038	Granted	Lighting Device with Adjustable Operation
P2524	China (People's Republic)		PCT	20180074419.9	19-Jun-2018	108478564	31-Aug-2018	108478564	04-Feb-2020	24-Oct-2038	Granted	Lighting Fixture with Image Sensor Module

P2524	Germany		PCT	1120160049825	30-Apr-2018	112016004982	26-Jul-2018			24-Oct-2018	Pending	IDEAL INDUSTRIES LIGHTING LLC	Digital Camera-Based Sensor and Algorithms for Smart Lighting Systems	
P2524	United States of America	1	ORD	14908,592	30-Oct-2015	US2017-0127492	04-May-2017	9,769,900	19-Sep-2017	30-Oct-2015	Granted	IDEAL INDUSTRIES LIGHTING LLC	Lighting Fixture with Image Sensor Module	
P2524	Patent Cooperation Treaty		ORD	PCT/US2019/058403	24-Oct-2019	WO2017/074870	04-May-2017			24-Oct-2018	Inactive	IDEAL INDUSTRIES LIGHTING LLC	Lighting Fixture with Image Sensor Module	
P2526	United States of America	1	DES	29532,661	09-Jul-2015						Abandoned	IDEAL INDUSTRIES LIGHTING LLC	BR40 (Design)	
P2529	United States of America	1	ORD								Inactive	IDEAL INDUSTRIES LIGHTING LLC	Color Temperature Adjustable Light Fixture Using Passive Light Filter	
P2530	United States of America	1	ORD								Combined	IDEAL INDUSTRIES LIGHTING LLC	An Approach to Achieve Ultra-Low Dimming Capability for LED Drivers	
P2532	United States of America	3	DDN	16248,205	11-Mar-2019	2019-0202902	04-Jul-2019	10,724,728	28-Jul-2020	08-Feb-2018	Granted	IDEAL INDUSTRIES LIGHTING LLC	LED Luminaire Having Enhanced Thermal Management	
P2532	United States of America	4	DDN	16935,647	23-Jul-2020	20200349015	05-Nov-2020	11231170	25-Jan-2020	08-Feb-2018	Granted	IDEAL INDUSTRIES LIGHTING LLC	LED Luminaire Having Enhanced Thermal Management	
P2532	United States of America	5	DDN	17553029	16-Dec-2021	2022-0107084	07-Apr-2022	11,625,197	25-Apr-2023	08-Feb-2018	Granted	IDEAL INDUSTRIES LIGHTING LLC	LED Luminaire Having Enhanced Thermal Management	
P2532	United States of America	2	DDP	15191,085	13-Jun-2016	US 20170327207	10-Aug-2017	10,234,127	19-Mar-2010	08-Feb-2018	Granted	IDEAL INDUSTRIES LIGHTING LLC	LED Luminaire Having Enhanced Thermal Management	
P2532	Patent Cooperation Treaty		ORD	PCT/US2017/010725	06-Feb-2017	WO2017/139239A1	17-Aug-2017			09-Feb-2017	Inactive	IDEAL INDUSTRIES LIGHTING LLC	LED Luminaire Having Enhanced Thermal Management	
P2532	United States of America	1	FRI	15018,606	08-Feb-2016	US 20170227208	10-Aug-2017	10,203,103	12-Feb-2010	08-Feb-2018	Granted	IDEAL INDUSTRIES LIGHTING LLC	LED Luminaire Having Enhanced Thermal Management	
P2532	European Patent Convention		PCT	17708018.5	02-Aug-2018	3414489	19-Dec-2018	3414489	23-Dec-2120	09-Feb-2017	Granted	IDEAL INDUSTRIES LIGHTING LLC	LED LUMINAIRE HAVING ENHANCED THERMAL MANAGEMENT	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SK; SM; TR
P2532	Germany		EPP	17708018.5	02-Aug-2018	3414489	19-Dec-2018	60201702992.8	23-Dec-2020	09-Feb-2017	Granted	IDEAL INDUSTRIES LIGHTING LLC	LED LUMINAIRE HAVING ENHANCED THERMAL MANAGEMENT	
P2532	United Kingdom		EPP	17708018.5	02-Aug-2018	3414489	19-Dec-2018	3414489	23-Dec-2120	09-Feb-2017	Granted	IDEAL INDUSTRIES LIGHTING LLC	LED LUMINAIRE HAVING ENHANCED THERMAL MANAGEMENT	AL; BM; FJ; FK; GD; GG; GI; GY; HK; JE; KI; KY; MS; NR; SB; SC; SH; SI; TC; TG; VD; VG; VU
P2532	Italy		EPP	17708018.5	02-Aug-2018	3414489	19-Dec-2018	3414489	23-Dec-2120	09-Feb-2017	Granted	IDEAL INDUSTRIES LIGHTING LLC	LED LUMINAIRE HAVING ENHANCED THERMAL MANAGEMENT	
P2535	United States of America	1	ORD	14988,249	30-Oct-2015	US2017-0127491	14-May-2017	10,349,483	09-Jul-2019	25-Apr-2018	Granted	IDEAL INDUSTRIES LIGHTING LLC	Ambient Light Sensor Circuit	
P2538	United States of America	3	DDN	16024,605	20-Mar-2020	20200221562	09-Jul-2020	11076471	27-Jul-2021	14-Aug-2015	Granted	IDEAL INDUSTRIES LIGHTING LLC	Light Management System for Wireless Enabled Fixture	
P2538	United States of America	4	DDN	17385006	28-Jul-2021	20210352430	11-Nov-2021	11,871,787	08-Jun-2020	14-Aug-2015	Granted	IDEAL INDUSTRIES LIGHTING LLC	Light Management System for Wireless Enabled Fixture	
P2538	United States of America	1	ORD								Inactive	IDEAL INDUSTRIES LIGHTING LLC	WIRELESS ENABLED LIGHTING FIXTURE	
P2538	Patent Cooperation Treaty		ORD	PCT/US2019/046753	12-Aug-2019	2017-033951	23-Feb-2017				Abandoned	IDEAL INDUSTRIES LIGHTING LLC	Wireless-Enabled Lighting Fixture	
P2538	United States of America	2	FRI	14627,007	14-Aug-2015	2017-0048562	18-Feb-2017			14-Aug-2015	Abandoned	IDEAL INDUSTRIES LIGHTING LLC	Wireless-Enabled Lighting Fixture	
P2540	United States of America	0	PRD	62309,888	02-Aug-2016					02-Aug-2017	Expired	IDEAL INDUSTRIES LIGHTING LLC	Solid State Lighting Fixtures and Image Capture Systems	
P2540	United States of America	1	ORD	15985,573	01-Aug-2017	2018-0341681	08-Feb-2018	10,348,974	09-Jul-2019	01-Aug-2017	Granted	IDEAL INDUSTRIES LIGHTING LLC	Solid State Lighting Fixtures and Image Capture Systems	
P2541	United States of America	1	DES	29543,602	28-Oct-2015			0788,330	30-May-2017	30-May-2012	Granted	IDEAL INDUSTRIES LIGHTING LLC	LED Lamp	
P2581	United States of America	2	DDN	16703,125	04-Dec-2019	2020-0103561	02-Apr-2020	10280714	12-Jan-2021	05-May-2017	Granted	IDEAL INDUSTRIES LIGHTING LLC	Waveguide Based Light Sources with Dynamic Beam Shaping	
P2581	United States of America	0	PRD	62333,000	08-May-2018					08-May-2017	Expired	IDEAL INDUSTRIES LIGHTING LLC	WAVEGUIDE-BASED SOURCES WITH DYNAMIC BEAM SHAPING	
P2581	United States of America	1	ORD	15987,442	05-May-2017	2017-033950	23-Nov-2017	10,527,785	07-Jan-2020	03-Jul-2017	Granted	IDEAL INDUSTRIES LIGHTING LLC	Waveguide Based Light Sources with Dynamic Beam Shaping	
P2581	United States of America	3	DDN	17103261	20-Nov-2020	20210132292	06-May-2021	11,372,158	28-Jun-2020	05-May-2017	Granted	IDEAL INDUSTRIES LIGHTING LLC	Waveguide Based Light Sources with Dynamic Beam Shaping	
P2589	United States of America	2	DIV	15987,588	07-Sep-2017	2018-0012874	11-Jan-2018	10,000,484	28-Jun-2018	03-Aug-2018	Granted	IDEAL INDUSTRIES LIGHTING LLC	Solid State Light Fixtures Suitable for High Temperature Operation Having Separate Blue-Shifted Yellow/Green and Blue-Shifted Red Emitters	
P2589	United States of America	0	PRD	62262,414	02-Dec-2015					03-Dec-2016	Inactive	IDEAL INDUSTRIES LIGHTING LLC	Solid State Light Fixtures Suitable for High Temperature Operation Having Separate Blue-Shifted Yellow/Green and Shifted Red Emitters	
P2589	United States of America	1	ORD	15228,662	02-Aug-2016	2017-0162547	08-Jun-2017	9,786,639	10-Oct-2017	03-Aug-2018	Granted	IDEAL INDUSTRIES LIGHTING LLC	Solid State Light Fixtures Suitable for High Temperature Operation Having Separate Blue-Shifted Yellow/Green and Blue-Shifted Red Emitters	
P2592	United States of America	0	PRD	62262,588	08-Feb-2016						Inactive	IDEAL INDUSTRIES LIGHTING LLC	Distributed Lighting Network	
P2592	United States of America	1	ORD	15192,308	24-Jun-2016	2017-0230364	16-Aug-2017			24-Jun-2016	Abandoned	IDEAL INDUSTRIES LIGHTING LLC	Lighting Fixture with Enhanced Security	
P2592	United States of America	2	DIV	16932,659	20-Jul-2020	20200352011	05-Nov-2020				Published	IDEAL INDUSTRIES LIGHTING LLC	Lighting Fixture with Enhanced Security	
P2593	European Patent Convention		PCT	17705540.7	22-Aug-2018	3414974	19-Dec-2018			03-Feb-2017	Abandoned	IDEAL INDUSTRIES LIGHTING LLC	Modular Lighting Fixture	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SK; SM; TR
P2593	United States of America	1	ORD	15192,479	24-Jun-2016	2017-0231061	16-Aug-2017	10,192,316	29-Jan-2019	24-Jun-2016	Granted	IDEAL INDUSTRIES LIGHTING LLC	Modular Lighting Fixture	
P2593	Patent Cooperation Treaty		ORD	PCT/US2017/016448	03-Feb-2017	WO2017/139192	17-Aug-2017			03-Feb-2017	Inactive	IDEAL INDUSTRIES LIGHTING LLC	Modular Lighting Fixture	
P2594	European Patent Convention		PCT	17708004.2	13-Aug-2018	3414976	19-Dec-2018			03-Feb-2017	Abandoned	IDEAL INDUSTRIES LIGHTING LLC	Automatic Mapping of Devices in a Distributed Lighting Network	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SK; SM; TR
P2594	Patent Cooperation Treaty		ORD	PCT/US2017/016454	03-Feb-2017	WO2017/139193	17-Aug-2017			03-Feb-2017	Inactive	IDEAL INDUSTRIES LIGHTING LLC	Automatic Mapping of Devices in a Distributed Lighting Network	
P2594	United States of America	1	ORD	15192,035	24-Jun-2016	2017-0231096	16-Aug-2017	10,251,245	02-Apr-2019	24-Jun-2016	Granted	IDEAL INDUSTRIES LIGHTING LLC	Automatic Mapping of Devices in a Distributed Lighting Network	
P2595	United States of America	1	ORD	15191,868	24-Jun-2016	2017-0231060	16-Aug-2017	9,826,588	21-Nov-2017	24-Jun-2016	Granted	IDEAL INDUSTRIES LIGHTING LLC	Lighting Fixture with Improved Power Management	
P2598	Germany		PCT	112017000705.4	08-Aug-2018	112017000705	18-Oct-2018			03-Feb-2017	Published	IDEAL INDUSTRIES LIGHTING LLC	Image Analysis Techniques	
P2598	United States of America	1	ORD	15191,753	24-Jun-2016	2017-0228274	16-Aug-2017	10,300,738	28-May-2019	09-Apr-2017	Granted	IDEAL INDUSTRIES LIGHTING LLC	Image Analysis Techniques	
P2598	Patent Cooperation Treaty		ORD	PCT/US2017/016449	03-Feb-2017	WO2017/139198	17-Aug-2017			03-Feb-2017	Inactive	IDEAL INDUSTRIES LIGHTING LLC	Image Analysis Techniques	
P2597	United States of America	1	ORD	15018,375	08-Feb-2016	20170231045	16-Aug-2017	9,730,889	08-Aug-2017	08-Feb-2018	Granted	IDEAL INDUSTRIES LIGHTING LLC	Solid State Light Fixtures Having Ultra-Low Dimming Capabilities and Related Driver Circuits and Methods	
P2597	Patent Cooperation Treaty		ORD	PCT/US2017/016804	08-Feb-2017	WO2017-139288	17-Aug-2017			08-Feb-2017	Inactive	IDEAL INDUSTRIES LIGHTING LLC	Solid State Light Fixtures Having Ultra-Low Dimming Capabilities and Related Driver Circuits and Methods	
P2597	Germany		PCT	112017000898.0	08-Aug-2018	112017000899	25-Oct-2018			08-Feb-2017	Published	IDEAL INDUSTRIES LIGHTING LLC	Solid State Light Fixtures Having Ultra-Low Dimming Capabilities and Related Driver Circuits and Methods	

P2599	China (People's Republic)		PCT	20170024884	22-Oct-2018	CN109073834	21-Dec-2018	ZL20170024884	27-Apr-2020	28-Feb-2037	Granted	IDEAL Industries Lighting LLC	Luminaire Utilizing Light Emitting Diodes	
P2599	European Patent Convention		PCT	17779402.3	24-Sep-2018	3423876	09-Jan-2019			28-Feb-2037	Published	IDEAL Industries Lighting LLC	Luminaire Utilizing Light Emitting Diodes	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SK; SM; TR
P2599	United States of America	0	FRQ	82/301,572	28-Feb-2016						Inactive	IDEAL Industries Lighting LLC	Luminaire Utilizing Light Emitting Diodes	
P2599	United States of America	1	CIP	15/069,306	03-Mar-2016	2016-0188970	30-Jun-2016	9,841,154	12-Dec-2017	15-Mar-2024	Granted	IDEAL Industries Lighting LLC	Luminaire Utilizing Light Emitting Diodes	
P2599	Patent Cooperation Treaty		ORD	PCT/US2017/019837	28-Feb-2017	WO2017/176388	12-Oct-2017			28-Feb-2037	Inactive	IDEAL Industries Lighting LLC	Luminaire Utilizing Light Emitting Diodes	
P2603	United States of America	1	ORD	15/017,940	08-Feb-2016	US2017-0221177	10-Aug-2017	9,995,441	12-Jun-2018	02-Jun-2028	Granted	IDEAL Industries Lighting LLC	LED Lamp with Internal Reflector	
P2604	United States of America	2	DOV	29/625,257	08-Nov-2017			D625,789	14-Aug-2018	14-Aug-2033	Granted	IDEAL Industries Lighting LLC	Portion of a LED Lamp	
P2604	United States of America	1	DES	29/598,009	23-Jun-2016			D635,690	19-Dec-2017	19-Dec-2032	Granted	IDEAL Industries Lighting LLC	Portion of a LED Lamp	
P2605	China (People's Republic)		PCT	20170024889.9	22-Oct-2018	CN109073202A	21-Dec-2018	ZL20170024889.9	01-Sep-2020	28-Feb-2037	Granted	IDEAL Industries Lighting LLC	Luminaire Utilizing Waveguide	
P2605	Patent Cooperation Treaty		ORD	PCT/US2017/022014	28-Feb-2017	WO2017/155745	14-Sep-2017			28-Feb-2037	Inactive	IDEAL Industries Lighting LLC	Luminaire Utilizing Waveguide	
P2605	United States of America	1	CIP	15/003,354	03-Mar-2016	2016-0187555	30-Jun-2016	9,835,317	05-Dec-2017	15-Mar-2024	Granted	IDEAL Industries Lighting LLC	Luminaire Utilizing Waveguide	
P2605	United States of America	0	FRQ	82/301,559	28-Feb-2016						Inactive	IDEAL Industries Lighting LLC	Luminaire Utilizing Waveguide	
P2605	European Patent Convention		PCT	17763756.8	24-Sep-2018	3423748	06-Jan-2019			28-Feb-2037	Published	IDEAL Industries Lighting LLC	Luminaire Utilizing Waveguide Over Reference to Related Applications	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SK; SM; TR
P2605	China (People's Republic)	2	DIV	20201080977.7	28-Feb-2017	111947069	17-Nov-2020	ZL20201080977.7	28-Apr-2023	28-Feb-2037	Granted	IDEAL Industries Lighting LLC	Luminaire Utilizing Waveguide	
P2608	United States of America	1	DES	29/558,325	29-Feb-2016			D792,627	16-Jul-2017	18-Jul-2022	Granted	IDEAL Industries Lighting LLC	Luminaire	
P2608	United States of America	2	DOV	29/810,913	17-Jul-2017			D823,520	17-Jul-2018	17-Jul-2023	Granted	IDEAL Industries Lighting LLC	Luminaire	
P2608	United States of America	3	DOV	29/658,880	16-Jul-2018			D841,224	19-Feb-2019	19-Feb-2034	Granted	IDEAL Industries Lighting LLC	Luminaire	
P2611	United States of America	2	DIV	16/262,978	24-Apr-2019	2019-0250324	15-Aug-2019	11,408,572	09-Aug-2022	15-Mar-2024	Granted	IDEAL Industries Lighting LLC	Luminaires Utilizing Optical Waveguide	
P2611	European Patent Convention		PCT	17/818291.1	23-Jun-2017	3475905	01-May-2019			23-Jun-2027	Published	IDEAL Industries Lighting LLC	Luminaires Utilizing Optical Waveguide	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SK; SM; TR
P2611	Patent Cooperation Treaty		ORD	PCT/US2017/039101	23-Jun-2017	WO2017/225906	28-Dec-2017			23-Jun-2037	Inactive	IDEAL Industries Lighting LLC	Luminaires Utilizing Optical Waveguide	
P2611	United States of America	1	CIP	15/192,979	24-Jun-2016	20170021085	02-Feb-2017	10,317,698	11-Jun-2019	15-Mar-2024	Granted	IDEAL Industries Lighting LLC	Luminaires Utilizing Optical Waveguide	
P2613	United States of America	1	ORD	15/192,277	24-Jun-2016	2017-0374720	28-Dec-2017	10,091,859	02-Oct-2018	24-Jun-2028	Granted	IDEAL Industries Lighting LLC	Power Supply with Microcontroller for Circuit Protection	
P2615	United States of America	2	DDN	16/907,209	29-Oct-2019	20200603927	27-Feb-2020	10900621	26-Jan-2021	30-Jan-2037	Granted	IDEAL Industries Lighting LLC	Circadian Light Fixtures, and Other Devices	
P2615	China (People's Republic)		PCT	20180009890.X	29-Jul-2019	110537058	03-Dec-2019	110537058	29-Apr-2022	28-Jan-2038	Granted	IDEAL Industries Lighting LLC	Light Fixtures and Methods	
P2615	European Patent Convention		PCT	18706226.1	22-Jul-2019	3574259	04-Dec-2019				Published	IDEAL Industries Lighting LLC	Light Fixtures and Methods	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SK; SM; TR
P2615	Japan		PCT	2019-56201.4	29-Jul-2019	2020-515020	21-May-2020	7983396	21-Jun-2022	28-Jan-2038	Granted	IDEAL Industries Lighting LLC	Light Fixtures and Methods	
P2615	Korea, Republic of		PCT	10-2019-7024918	28-Aug-2019	10-2019-0137078	10-Dec-2019	10-2024866	05-Apr-2022	28-Jan-2038	Allowed	IDEAL Industries Lighting LLC	Light Fixtures and Methods	
P2615	Taiwan		ORD	1071-02272	30-Jan-2018	201801820	01-Sep-2018	7222211	21-Mar-2021	29-Jan-2038	Abandoned	IDEAL Industries Lighting LLC	Light Fixtures and Methods	
P2615	United States of America	1	FRI	15/419,538	30-Jan-2017	US2018-0216791	02-Aug-2018	10,502,374	10-Dec-2019	30-Jan-2037	Granted	IDEAL Industries Lighting LLC	Light Fixtures and Methods	
P2615	Patent Cooperation Treaty		ORD	PCT/US2019/015509	28-Jan-2018	WO2018-0145768	02-Aug-2018			28-Jan-2038	Inactive	IDEAL Industries Lighting LLC	Light Fixtures and Methods	AE; AG; AI; AM; AO; AP; AT; AU; AZ; BA; BB; BD; BH; BN; BR; BW; BY; BZ; CA; CH; CL; CN; CO; CR; CU; CZ; DE; DK; DM; DO; DZ; EA; EC; EG; ES; FI; FR; GB; GR; GT; GU; HK; HN; HR; HU; IL; IN; IR; IS; JI; JP; KE; KG; KH; KP; KR; KW; KZ; LA; LC; LI; LK; LR; LS; LU; LV; MA; MD; MG; MK; MN; MW; MX; MY; NZ; NA; NG; NI; NO; NZ
P2615	United States of America	3	DDN	17/102802	14-Dec-2020	20210095825	01-Apr-2021	11,630,339	25-Apr-2023	30-Jan-2037	Granted	IDEAL Industries Lighting LLC	Light Fixtures and Methods	
P2619	United States of America	1	ORD	15/192,463	24-Jun-2016	2017-0379553	28-Dec-2017	10,054,265	21-Aug-2018	24-Jun-2028	Granted	IDEAL Industries Lighting LLC	Light Fixture and Optic With Light-Transmissive Shield	
P2620	United States of America	1	DDN	29/567,839	13-Jun-2016			D812,805	13-Mar-2018	13-Mar-2022	Granted	IDEAL Industries Lighting LLC	Lighting Apparatus	
P2624	United States of America	2	DDN	16/305,020	16-Apr-2019	US2019-0245517	08-Aug-2019	10,873,329	22-Dec-2020	24-Jun-2038	Granted	IDEAL Industries Lighting LLC	High Reliability AC Load Switching Circuit	
P2624	United States of America	1	FRI	15/191,972	24-Jun-2016	2017-0379084	28-Dec-2017			24-Jun-2028	Abandoned	IDEAL Industries Lighting LLC	High Reliability AC Load Switching Circuit	
P2625	United States of America	1	FRI	15/190,708	23-Jun-2016	2017-0374724	28-Dec-2017	10,405,408	03-Sep-2019	19-Jun-2027	Granted	IDEAL Industries Lighting LLC	LED Lighting Device with Communications Module and Antenna	
P2627	United Kingdom	1	RFD	900333256	22-Dec-2016			900333256/001	22-Dec-2016	22-Dec-2041	Granted	IDEAL Industries Lighting LLC	OSO HO (Design)	
P2627	United Kingdom	2	RFD	900333256	22-Dec-2016			900333256/002	22-Dec-2016	22-Dec-2041	Granted	IDEAL Industries Lighting LLC	OSO HO (Design)	
P2627	European Community	1	DES	003633256	22-Dec-2016			003633256-001	22-Dec-2016	22-Dec-2041	Granted	IDEAL Industries Lighting LLC	OSO HO (Design)	
P2627	European Community	1-2	DES	003633256	22-Dec-2016			003633256-002	22-Dec-2016	22-Dec-2041	Granted	IDEAL Industries Lighting LLC	OSO HO (Design)	
P2627	United States of America	1	DES	29/569,206	24-Jun-2016			D822,291	03-Jul-2018	03-Jul-2023	Granted	IDEAL Industries Lighting LLC	Light Fixture	
P2628	United States of America	1	ORD	15/198,810	22-Jun-2016	2017032496	28-Dec-2017	10,141,740	27-Nov-2018	27-Oct-2038	Granted	IDEAL Industries Lighting LLC	Auxiliary Supply Generation for Power Converters	
P2629	United States of America	1	ORD								Combined	IDEAL Industries Lighting LLC	WaveMax OPT	
P2631	United States of America	3	DDN	16/303,224	01-Aug-2020						Pending	IDEAL Industries Lighting LLC	Waveguide-Based Light Sources with Dynamic Beam Shaping	
P2631	United States of America	2	CIP	17/481727	22-Sep-2021	20220003926	06-Jan-2022	11,719,862	08-Aug-2022	30-Jul-2029	Allowed	IDEAL Industries Lighting LLC	Waveguide-Based Light Sources with Dynamic Beam Shaping	
P2631	United States of America	1	FRI	15/188,222	17-Jun-2016	2017-0383795	21-Dec-2017	11156764	28-Oct-2021	07-Aug-2038	Granted	IDEAL Industries Lighting LLC	BONDED OPTICAL SYSTEMS AND APPLICATIONS THEREOF	
P2632	United States of America	1	ORD								Inactive	IDEAL Industries Lighting LLC	SmartScene - Programmable multi Setting SmartCall Wall Control	
P2633	United States of America	1	CIP	15/188,352	27-May-2016	2016-0273718	22-Sep-2016	10,172,215	01-Jan-2019	01-Jul-2025	Granted	IDEAL Industries Lighting LLC	LED Lamp with Retracting Optic Element	

P2638	Germany		PCT	11201700708.2	08-Aug-2018					24-Jan-2037	Pending	IDEAL Industries Lighting LLC	LED Lighting Device with Adaptive Profiles for Controlling Power Consumption	
P2638	United States of America	1	ORD	15100_802	23-Jun-2016	2017-0231063	10-Aug-2017	10,211,680	19-Feb-2019	20-Feb-2037	Granted	IDEAL Industries Lighting LLC	LED Lighting Device with Adaptive Profiles for Controlling Power Consumption	
P2638	Patent Cooperation Treaty		ORD	PCT/US2017/014988	24-Jan-2017	WO2017130989	17-Aug-2017			24-Jan-2037	Inactive	IDEAL Industries Lighting LLC	LED Lighting Device with Adaptive Profiles for Controlling Power Consumption	
P2639	United States of America	0	PRD	62353_262	22-Jun-2016					22-Jun-2017	Expired	IDEAL Industries Lighting LLC	Dimming Control for LED-Based Luminaires	
P2639	United States of America	1	ORD	151628_975	21-Jun-2017	2017-0374719	28-Dec-2017	9,987,944	08-May-2018	21-Jun-2037	Granted	IDEAL Industries Lighting LLC	Dimming Control for LED-Based Luminaires	
P2641	United States of America	1	ORD	15204_062	17-Oct-2016			9,758,698	05-Sep-2017	17-Oct-2038	Granted	IDEAL Industries Lighting LLC	Configurable LED Lighting Apparatus	
P2642	United States of America	1	ORD	15422_150	01-Feb-2017	2018-0218304	02-Aug-2018	10,401,008	03-Sep-2019	01-Feb-2037	Granted	IDEAL Industries Lighting LLC	TRACK LIGHTING FIXTURES AND APPLICATIONS THEREOF	
P2644	United States of America		FRI	15347_413	09-Nov-2016	2018-0128960	10-May-2018	10,261,841	07-May-2019	09-Nov-2038	Granted	IDEAL Industries Lighting LLC	Optical Inserts and Waveguide Fixtures Comprising the Same	
P2645	United States of America	1	FRI	15352_062	15-Nov-2016	2018-0139811	17-May-2018	10,517,152	24-Dec-2019	09-May-2037	Granted	IDEAL Industries Lighting LLC	Power Converter Circuitry with Improved Control Scheme	
P2646	United States of America	1	ORD	15300_461	15-Dec-2016	US2018-0177026	21-Jun-2018	10,034,352	24-Jul-2018	15-Dec-2038	Granted	IDEAL Industries Lighting LLC	Space Scoring for a Lighting Network	
P2647	United States of America	1	FRI	15413_163	23-Jan-2017	US2018-0210135	26-Jul-2018	10,436,971	03-Oct-2019	17-Jun-2037	Granted	IDEAL Industries Lighting LLC	WALL WASHING LIGHT FIXTURES	
P2661	China (People's Republic)		PCT	20188002572.7	17-Oct-2019	110520776	29-Nov-2019	11,052,076	14-Dec-2021	28-Feb-2038	Granted	IDEAL Industries Lighting LLC	Image Sensor Modules and Luminaires Incorporating the Same	
P2661	European Patent Convention		PCT	16761283.3	28-Aug-2019	3589994	06-Jan-2020				Abandoned	IDEAL Industries Lighting LLC	Image Sensor Modules and Luminaires Incorporating the Same	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SK; SM; TR
P2661	Japan		PCT	20191547385	30-Sep-2019	2020-509429	28-Mar-2020	7390630	16-Jun-2022	28-Feb-2038	Granted	IDEAL Industries Lighting LLC	Image Sensor Modules and Luminaires Incorporating the Same	
P2661	United States of America	1	FRI	15448_126	03-Mar-2017	2018-0252869	08-Sep-2018	10,502,935	10-Dec-2019	05-Sep-2037	Granted	IDEAL Industries Lighting LLC	IMAGE SENSOR MODULES AND LUMINAIRES INCORPORATING THE SAME	
P2661	Patent Cooperation Treaty		ORD	PCT/US2019/020211	28-Feb-2018	WO20190160804	07-Sep-2018			28-Feb-2038	Inactive	IDEAL Industries Lighting LLC	Image Sensor Modules and Luminaires Incorporating the Same	AE; AG; AI; AM; AO; AP; AT; AU; AZ; BA; BB; BD; BH; BN; BR; BW; BY; BZ; CA; CH; CL; CN; CO; CR; CU; CZ; DE; DK; DM; DO; DZ; EA; EC; EE; EG; EP; ES; FI; GB; GD; GE; GH; GM; GT; HN; HR; HU; ID; IL; IN; IR; IS; JP; KE; KG; KH; KP; KR; KW; KZ; LA; LC; LI; LK; LR; LS; LU; LY; MA; MD; ME; MG; MK; MN; MW; MX; MY; NZ; NA; ND; NE; NG; NI; NL; NO; NZ; OM; PA; PE; PG; PH; PL; PT; QA; RO; RS; RU; RW; SA; SD; SE; SG; SK; SM; ST; SV; SY; TH; TJ; TM; TN; TR; TT; TZ; UA; US; UY; VE; VN; ZA; ZM; ZW
P2662	United States of America	0	PRD	62401_525	27-Sep-2016						Inactive	IDEAL Industries Lighting LLC	Lighting Wall Control with Virtual Assistant	
P2662	United States of America	1	ORD	15714_260	25-Sep-2017	2018-0092189	20-Mar-2018	10,556,360	17-Mar-2020	25-Sep-2037	Granted	IDEAL Industries Lighting LLC	Lighting Wall Control with Virtual Assistant	
P2665	United States of America	1	FRI	15326_700	21-Dec-2016	US2018-0172048	21-Jun-2018	10,508,797	17-Dec-2019	21-Apr-2037	Granted	IDEAL Industries Lighting LLC	A Luminaire and Connection Mechanism for Connecting Multiple Luminaires	
P2666	United States of America	1	FRI	15987_188	08-Jun-2017	20180359949	13-Dec-2018	10,544,913	28-Jan-2020	08-Jun-2037	Granted	IDEAL Industries Lighting LLC	LED Wall Wash Light Fixture	
P2675	United States of America	0	PRD	62455_422	08-Feb-2017					08-Feb-2018	Expired	IDEAL Industries Lighting LLC	Modular Waveguide Fixtures	
P2675	United States of America	1	ORD	15801_272	08-Feb-2018	2018-0234588	09-Aug-2018	11,536,894	27-Dec-2022	11-Feb-2038	Granted	IDEAL Industries Lighting LLC	Modular Waveguides and Fixtures Utilizing Same	
P2676	United States of America	2	CIP	17494349	05-Oct-2021	20220209620	27-Jan-2022				Published	IDEAL Industries Lighting LLC	Lighting Fixture with Waveguide	
P2676	United States of America	1	CIP	16101_162	10-Aug-2018	20190003861	03-Jan-2019	11137120	05-Oct-2021	26-Jul-2038	Granted	IDEAL Industries Lighting LLC	Modular Lighting System	
P2677	United States of America	2	ODN	16631_389	25-Mar-2020	20210046165	18-Feb-2021	11080984	13-Jul-2021	10-Apr-2037	Granted	IDEAL Industries Lighting LLC	OPTIC ASSEMBLIES AND APPLICATIONS THEREOF	
P2677	United States of America	3	ODN	17343030	09-Jun-2021	20210090394	23-Sep-2021	11,313,532	20-Apr-2022	10-Apr-2037	Granted	IDEAL Industries Lighting LLC	OPTIC ASSEMBLIES AND APPLICATIONS THEREOF	
P2677	United States of America	1	FRI	15463_199	10-Apr-2017	2018-0262071	11-Oct-2018	10,819,623	14-Apr-2020	09-Nov-2037	Granted	IDEAL Industries Lighting LLC	OPTIC ASSEMBLIES AND APPLICATIONS THEREOF	
P2679	United States of America	1	ORD	15450_570	06-Mar-2017	2017-0322364	09-Nov-2017	10,416,377	17-Sep-2019	09-Mar-2037	Granted	IDEAL Industries Lighting LLC	Luminaire with Controllable Light Emission	
P2681	Canada		PCT	3068957	03-Dec-2019	3068957	20-Dec-2018				Published	IDEAL Industries Lighting LLC	Optic Assemblies and Fixtures Comprising the Same	
P2681	China (People's Republic)		PCT	20188004084.8	18-Dec-2019	11078965	11-Feb-2020				Published	IDEAL Industries Lighting LLC	Optic Assemblies and Fixtures Comprising the Same	
P2681	European Patent Convention		PCT	18818488.5	10-Dec-2019	3630948	20-Apr-2020				Published	IDEAL Industries Lighting LLC	Optic Assemblies and Fixtures Comprising the Same	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SK; SM; TR
P2681	Mexico		PCT	MX/2019/015195	13-Dec-2019						Pending	IDEAL Industries Lighting LLC	Optic Assemblies and Fixtures Comprising the Same	
P2681	United States of America	1	CIP	15625_546	16-Jun-2017	2018-0128961	10-May-2018	10,394,971	09-Oct-2018	09-Nov-2038	Granted	IDEAL Industries Lighting LLC	OPTIC ASSEMBLIES AND FIXTURES COMPRISING THE SAME	
P2681	Patent Cooperation Treaty		ORD	PCT/US2019/037301	13-Jun-2018	WO20190231959	20-Dec-2018			13-Jun-2038	Inactive	IDEAL Industries Lighting LLC	Optic Assemblies and Fixtures Comprising the Same	AE; AG; AI; AM; AO; AP; AT; AU; AZ; BA; BB; BD; BH; BN; BR; BW; BY; BZ; CA; CH; CL; CN; CO; CR; CU; CZ; DE; DK; DM; DO; DZ; EA; EC; EE; EG; EP; ES; FI; GB; GD; GE; GH; GM; GT; HN; HR; HU; ID; IL; IN; IR; IS; JP; KE; KG; KH; KP; KR; KW; KZ; LA; LC; LI; LK; LR; LS; LU; LY; MA; MD; ME; MG; MK; MN; MW; MX; MY; NZ; NA; ND; NE; NG; NI; NL; NO; NZ; OM; PA; PE; PG; PH; PL; PT; QA; RO; RS; RU; RW; SA; SD; SE; SG; SK; SM; ST; SV; SY; TH; TJ; TM; TN; TR; TT; TZ; UA; US; UY; VE; VN; ZA; ZM; ZW
P2684	United States of America	1	ORD	15400_212	08-Jan-2017	2018-0185673	12-Jul-2018	10,274,171	30-Apr-2019	01-Feb-2037	Granted	IDEAL Industries Lighting LLC	Adjustable LED Light Fixture for Use in a Trefler	
P2685	United States of America	1	ORD	15427_588	08-Feb-2017	US2018-0224072	09-Aug-2018	10,260,685	16-Apr-2019	17-Apr-2037	Granted	IDEAL Industries Lighting LLC	LED Lamp with Aesthetic Structure	
P2690	United States of America	1	FRI	15425_615	06-Feb-2017	2018-0227665	09-Aug-2018	10,562,579	03-Mar-2020	09-Feb-2037	Granted	IDEAL Industries Lighting LLC	Solid State Light Fixtures Having Variable Current Dimming and Related Driver Circuits and Methods	
P2692	United States of America	0	PRD	62455_264	08-Feb-2017						Inactive	IDEAL Industries Lighting LLC	Modular Overhead Lighting System	
P2692	United States of America	1	ORD	15988_271	11-Jan-2018	2018-0224104	09-Aug-2018	10,530,368	21-Jan-2020	31-Jan-2038	Granted	IDEAL Industries Lighting LLC	Modular Overhead Lighting System	
P2694	United States of America	1	FRI	15425_371	06-Feb-2017	US2018-0224075	09-Aug-2018	10,247,372	02-Apr-2019	06-Feb-2037	Granted	IDEAL Industries Lighting LLC	LED Trefler Lens Assembly Mount	
P2695	United States of America	2	ODN	16578_521	23-Sep-2019	20201018464	16-Jan-2020	10890319	12-Jan-2021	03-Apr-2037	Granted	IDEAL Industries Lighting LLC	Lighting Fixture with High Structural Integrity	
P2695	United States of America	1	FRI	15477_435	03-Apr-2017	US2018-0263829	04-Oct-2018	10,473,368	12-Nov-2019	31-Aug-2037	Granted	IDEAL Industries Lighting LLC	Lighting Fixture with High Structural Integrity	
P2695	United States of America	3	ODN	17111846	02-Dec-2020	20210180785	15-Apr-2021	11,825,191	25-Apr-2022	03-Apr-2037	Granted	IDEAL Industries Lighting LLC	Lighting Fixture with High Structural Integrity	
P2698	China (People's Republic)		PCT	201880024164.4	08-Oct-2019	110521268	29-Nov-2019	11,052,126	14-Dec-2021	02-Feb-2038	Granted	IDEAL Industries Lighting LLC	Image Analysis Techniques	
P2698	European Patent Convention		PCT	18708949.6	08-Sep-2019	3578012	11-Dec-2019				Published	IDEAL Industries Lighting LLC	Image Analysis Techniques	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SK; SM; TR
P2698	Japan		PCT	20191542929	08-Aug-2019	2020-507854	12-Mar-2020	6884219	13-May-2021	02-Feb-2038	Granted	IDEAL Industries Lighting LLC	Image Analysis Techniques	
P2699	United States of America	2	ODN	17578_111	18-Jan-2022	20220141920	06-May-2022				Published	IDEAL Industries Lighter		

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P2698	United States of America	1	ORD	15/887,069	02-Feb-2018	2018-0226384	09-Aug-2018	11229107	18-Jan-2020	02-Feb-2038	Granted	IDEAL Industries Lighting LLC	Image Analyze Techniques	
P2698	Patent Cooperation Treaty		ORD	PCT/US2018/016828	02-Feb-2018	WO2018/144448	09-Aug-2018			02-Feb-2038	Inactive	IDEAL Industries Lighting LLC	Image Analyze Techniques	AE; AG; AL; AM; AP; AT; AU; AZ; BA; BB; BD; BH; BN; BR; BW; BY; BZ; CA; CH; CL; CN; CO; CR; CU; CZ; DE; DK; DM; DO; DZ; EA; EC; EE; EG; EP; ES; FI; GB; GD; GE; GH; GM; GT; HN; HR; HU; ID; IL; IN; JP; KE; KG; KH; KP; KR; KW; KZ; LA; LC; LI; LK; LR; LS; LU; LY; MA; MD; ME; MG; MK; MN; MW; MX; MY; NZ; NI; NO; NZ; OA; OM; PA; PE; PG; PH; PL; PT; QA; RD; RS; RU; RW; SA; SC; SD; SE; SG; SK; SL; SM; ST; SV; SY; TH; T2; TM; TN; TR; TT; TZ; UA; US; UZ; VN; ZA; ZM; ZW
P2698	United States of America	0	PRQ	62/453,331	08-Feb-2017						Inactive	IDEAL Industries Lighting LLC	Image Analyze Techniques	
P2697	United States of America	1	FRI	15/483,453	10-Apr-2017	2018-0226705	11-Oct-2018	10,813,187	20-Oct-2020	05-Jun-2038	Granted	IDEAL Industries Lighting LLC	Wireless Solid State Lighting Controller	
P2699	United States of America	1	ORD	15/833,969	04-Dec-2017			10,039,175	31-Jul-2018	04-Dec-2037	Granted	IDEAL Industries Lighting LLC	Delay Module for LED Lighting Fixtures	
P2700	United States of America	1	ORD	15/968,584	20-Apr-2018			10,182,484	15-Jan-2019	20-Apr-2038	Granted	IDEAL Industries Lighting LLC	Surge Suppression Mounting for Lighting Fixtures and Other Electronics	
P2705	United States of America	3	CIP	1/7501113	14-Oct-2021	2020070982	03-Mar-2022				Allowed	IDEAL Industries Lighting LLC	Enhanced Fixtures for Area Lighting	
P2705	United States of America	2	CIP								Inactive	IDEAL Industries Lighting LLC	Adaptive Area Lamp	
P2705	United States of America	1	FRI	15/621,731	13-Jun-2017	2018-0359825	13-Dec-2018	11180149	26-Oct-2021	13-Jun-2037	Granted	IDEAL Industries Lighting LLC	Adaptive Area Lamp	
P2706	United States of America	2	CIP	16/507,771	30-Sep-2019	2020/0203042	23-Jan-2020	10,804,448	13-Oct-2020	10-Apr-2037	Granted	IDEAL Industries Lighting LLC	Hybrid Lens for Controlled Light Distribution	
P2706	Canada		PCT	3059562	09-Apr-2018	3059563	18-Oct-2018				Published	IDEAL Industries Lighting LLC	Hybrid Lens for Controlled Light Distribution	
P2706	China (People's Republic)		PCT	201800035188.3	27-Nov-2019	CN110892193A	17-Mar-2020	2,201,680,035,188.3	06-Aug-2021	09-Apr-2038	Granted	IDEAL Industries Lighting LLC	Hybrid Lens for Controlled Light Distribution	
P2706	European Patent Convention		PCT	18784185.3	09-Apr-2018	3810192	19-Feb-2020				Published	IDEAL Industries Lighting LLC	Hybrid Lens for Controlled Light Distribution	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SG; SK; SM; TH
P2706	Japan		PCT	2020-026295	10-Oct-2019	2020517088	11-Jun-2020	7182808	24-Nov-2022	06-Apr-2038	Granted	IDEAL Industries Lighting LLC	Hybrid Lens for Controlled Light Distribution	
P2706	Mexico		PCT	2019/012064							Allowed	IDEAL Industries Lighting LLC	Hybrid Lens for Controlled Light Distribution	
P2706	China (People's Republic)	1	DIV	202111052757.1	08-Sep-2021	113701123	26-Nov-2021	ZL202111052757.1	18-Jul-2020	27-Nov-2039	Granted	IDEAL Industries Lighting LLC	Hybrid Lens for Controlled Light Distribution	
P2706	United States of America	4	QDN	17/715,441	07-Apr-2022	2022-0231207.A1	21-Jul-2022				Published	IDEAL Industries Lighting LLC	Hybrid Lens for Controlled Light Distribution	
P2706	United States of America	1	FRI	15/483,089	10-Apr-2017	2018-0294389	11-Oct-2018	10,468,588	05-Nov-2019	10-Apr-2037	Granted	IDEAL Industries Lighting LLC	Hybrid Lens for Controlled Light Distribution	
P2706	Patent Cooperation Treaty		ORD	PCT/US2019/028710	09-Apr-2018	WO2018/191168	18-Oct-2018			09-Apr-2038	Inactive	IDEAL Industries Lighting LLC	Hybrid Lens for Controlled Light Distribution	AE; AG; AL; AM; AP; AT; AU; AZ; BA; BB; BD; BH; BN; BR; BW; BY; BZ; CA; CH; CL; CN; CO; CR; CU; CZ; DE; DK; DM; DO; DZ; EA; EC; EE; EG; EP; ES; FI; GB; GD; GE; GH; GM; GT; HN; HR; HU; ID; IL; IN; JP; KE; KG; KH; KP; KR; KW; KZ; LA; LC; LI; LK; LR; LS; LU; LY; MA; MD; ME; MG; MK; MN; MW; MX; MY; NZ; NI; NO; NZ; OA; OM; PA; PE; PG; PH; PL; PT; QA; RD; RS; RU; RW; SA; SC; SD; SE; SG; SK; SL; SM; ST; SV; SY; TH; T2; TM; TN; TR; TT; TZ; UA; US; UZ; VN; ZA; ZM; ZW
P2706	United States of America	3	QDN	16/637,015	23-Jul-2020	20200297986	12-Nov-2020	11,383,981	19-Jul-2020	30-Sep-2039	Granted	IDEAL Industries Lighting LLC	Hybrid Lens for Controlled Light Distribution	
P2707	United States of America	1	DES	29/01,188	20-Apr-2017			0287,181	28-Aug-2018	28-Aug-2033	Granted	IDEAL Industries Lighting LLC	LED Lamp	
P2710	United States of America	1	CIP	15/489,868	27-Mar-2017	US2018-0224079	09-Aug-2018	10,302,262	28-May-2019	00-Feb-2037	Granted	IDEAL Industries Lighting LLC	LED Troffer Lens Assembly Mount	
P2713	Canada		PCT	3,065,545	28-Nov-2019	3065545	20-Dec-2018	3065545	26-Jul-2020	12-Jun-2038	Allowed	IDEAL Industries Lighting LLC	Intelligent Lighting Module for a Lighting Fixture	
P2713	China (People's Republic)		PCT	201800039834.8	12-Dec-2019	118741734	31-Jan-2020				Abandoned	IDEAL Industries Lighting LLC	Intelligent Lighting Module for a Lighting Fixture	
P2713	European Patent Convention		PCT	18738959.6	03-Jan-2020	3838624	22-Apr-2020				Abandoned	IDEAL Industries Lighting LLC	Intelligent Lighting Module for a Lighting Fixture	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SG; SK; SM; TH
P2713	Mexico		PCT	Mxw/2019/014927.1	10-Dec-2019						Abandoned	IDEAL Industries Lighting LLC	Intelligent Lighting Module for a Lighting Fixture	
P2713	Patent Cooperation Treaty		ORD	PCT/US2019/037048	12-Jun-2018	WO2019/231788	20-Dec-2018			12-Jun-2038	Inactive	IDEAL Industries Lighting LLC	Intelligent Lighting Module for a Lighting Fixture	AE; AG; AL; AM; AP; AT; AU; AZ; BA; BB; BD; BH; BN; BR; BW; BY; BZ; CA; CH; CL; CN; CO; CR; CU; CZ; DE; DK; DM; DO; DZ; EA; EC; EE; EG; EP; ES; FI; GB; GD; GE; GH; GM; GT; HN; HR; HU; ID; IL; IN; JP; KE; KG; KH; KP; KR; KW; KZ; LA; LC; LI; LK; LR; LS; LU; LY; MA; MD; ME; MG; MK; MN; MW; MX; MY; NZ; NI; NO; NZ; OA; OM; PA; PE; PG; PH; PL; PT; QA; RD; RS; RU; RW; SA; SC; SD; SE; SG; SK; SL; SM; ST; SV; SY; TH; T2; TM; TN; TR; TT; TZ; UA; US; UZ; VN; ZA; ZM; ZW
P2713	United States of America	1	FRI	15/821,885	13-Jun-2017			9,884,748	13-Feb-2018	13-Jun-2037	Granted	IDEAL Industries Lighting LLC	Intelligent Lighting Module for a Lighting Fixture	
P2713	United States of America	2	QDN	15/849,988	21-Dec-2017	2018-0326828	13-Dec-2018	10,284,657	16-Apr-2019	13-Jun-2037	Granted	IDEAL Industries Lighting LLC	Intelligent Lighting Module for a Lighting Fixture	
P2714	United States of America	1	ORD	15/951,946	10-May-2017	2018-0328543	15-Nov-2018	10,260,683	19-Apr-2019	10-May-2037	Granted	IDEAL Industries Lighting LLC	Solid State Lamp With LED Filaments Having Different CCT'S	
P2715	United States of America	0	PRQ	62/504,533	10-May-2017					10-May-2018	Expired	IDEAL Industries Lighting LLC	Optical Waveguides and Luminares Utilizing Same	
P2715	United States of America	1	ORD	15/978,882	10-May-2018	2018/0288553	15-Nov-2018	10,364,948	30-Jul-2019	10-May-2038	Granted	IDEAL Industries Lighting LLC	Optical Waveguide Luminares	
P2716	United States of America	1	DES	29/003,024	05-May-2017			0878886	17-Mar-2020	17-Mar-2025	Granted	IDEAL Industries Lighting LLC	Bay Lighting Fixture	
P2717	Germany		ORD	10201721499.0	28-Aug-2017		06-Dec-2018			28-Aug-2037	Published	IDEAL Industries Lighting LLC	Multi-Layer Pasting for Electronic Modules	
P2717	United States of America	1	FRI	15/814,924	09-Jun-2017			10,583,885	25-Sep-2018	06-Jun-2037	Granted	IDEAL Industries Lighting LLC	Multi-Layer Pasting for Electronic Modules	
P2720	United States of America	1	FRI	15/784,901	18-Oct-2017	2019-0116287	18-Apr-2019	10,848,850	24-Nov-2020	30-Oct-2037	Granted	IDEAL Industries Lighting LLC	Sensor Housing, Modules, and Luminares Incorporating the Same	
P2723	United States of America	2	QDN	16/635,770	22-Jul-2020	20200351420	05-Nov-2020	11,290,621	28-Mar-2022	16-Oct-2037	Granted	IDEAL Industries Lighting LLC	Sensor Housing, Modules, and Luminares Incorporating the Same	
P2728	United States of America	0	PRQ	62/501,747	12-Jul-2017					12-Jul-2018	Expired	IDEAL Industries Lighting LLC	Luminaire Utilizing Gasket Vent	
P2728	United States of America	1	ORD	16/034,101	12-Jul-2018	2019/02384	30-May-2019	10,890,315	23-Jun-2020	12-Jul-2038	Granted	IDEAL Industries Lighting LLC	Luminaire Utilizing Gasket Vent	
P2730	United States of America	2	QDN	16/692,130	22-Nov-2019	2020-008387	19-Mar-2020	10794572	09-Oct-2020	21-Sep-2037	Granted	IDEAL Industries Lighting LLC	LED Troffer Fixture Having a Wide Lens	
P2730	United States of America	1	FRI	15/710,913	21-Sep-2017	2019-0389268	21-Mar-2019	10,502,794	17-Dec-2019	18-Nov-2037	Granted	IDEAL Industries Lighting LLC	LED Troffer Fixture Having a Wide Lens	
P2733	United States of America	1	ORD	15/839,043	12-Dec-2017			10,165,635	25-Dec-2018	12-Dec-2037	Granted	IDEAL Industries Lighting LLC	Multiple LED Strings Driven From a Constant Current Power Supply	
P2734	United States of America	2	DIV	16/265,473	26-Apr-2019	2019-0328737	24-Oct-2019	10,886,412	15-Dec-2020	29-Sep-2037	Granted	IDEAL Industries Lighting LLC	Cond Grip with Liquid Drain	
P2734	Germany		ORD	102018214657.0	31-Aug-2018	102018214657	28-Mar-2018			31-Aug-2038	Published	IDEAL Industries Lighting LLC	Cond Grip with Liquid Drain	
P2734	United States of America	1	FRI	15/715,707	28-Sep-2017	20190097403	28-Mar-2019	10,320,168	11-Jun-2019	29-Sep-2037	Granted	IDEAL Industries Lighting LLC	Cond Grip with Liquid Drain	
P2738	United States of America	2	QDN	16/981,518	29-Apr-2020	2020/0257672	13-Aug-2020	10880887	29-Dec-2020	24-Jun-2038	Granted	IDEAL Industries Lighting LLC	Indoor Location Services Using a Distributed Lighting Network	

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P2738	United States of America	1	CIP	15832341	05-Dec-2017	2018-0088201	05-Apr-2018	10,671,828	02-Jun-2020	24-Jun-2020	Granted	IDEAL Industries Lighting LLC	Indoor Location Services Using a Distributed Lighting Network	
P2743	United States of America	1	FRI	15981341	21-Aug-2017			10,165,950	25-Dec-2018	21-Aug-2020	Granted	IDEAL Industries Lighting LLC	Occupant Tracking	
P2743	Germany		OPD	102018213954	14-Aug-2019	102018213956	21-Feb-2019	102018213956	33-Dec-2021	14-Aug-2020	Granted	IDEAL Industries Lighting LLC	Occupant Tracking	
P2744	United States of America	1	FRI	15928346	20-Mar-2018	2019-0265386	28-Sep-2019	10991215	27-Apr-2021	20-Mar-2020	Granted	IDEAL Industries Lighting LLC	Intelligent Signage	
P2750	United States of America	1	CIP	15928347	22-Mar-2018	2018-0317309	01-Nov-2018	10,225,915	05-Mar-2019	25-Sep-2020	Granted	IDEAL Industries Lighting LLC	Power Recapspace Control Circuitry	
P2750	United States of America	2	ODN	16261304	18-Jan-2019	2019-0159320	20-May-2019	10,517,163	24-Dec-2019	20-Aug-2020	Granted	IDEAL Industries Lighting LLC	Power Recapspace Control Circuitry	
P2752	United States of America	2	CIP	16411343	19-May-2019	2019-0269001	29-Aug-2019	10,721,808	21-Jul-2020	22-Apr-2023	Granted	IDEAL Industries Lighting LLC	Light Fixture Control	
P2752	United States of America	4	ODN	17708305	28-Mar-2022	20220217621	07-Jul-2022	11,700,879	11-Jul-2023	18-Jul-2040	Granted	IDEAL Industries Lighting LLC	Light Fixture Control	
P2752	United States of America	1	CIP	15783305	13-Oct-2017	20180342092	08-Feb-2018	10,342,102	02-Jul-2019	22-Apr-2023	Granted	IDEAL Industries Lighting LLC	Light Fixture Control	
P2752	United States of America	3	ODN	16931303	16-Jul-2020	2020032010	05-Nov-2020	11,291,090	29-Mar-2022	20-Aug-2022	Granted	IDEAL Industries Lighting LLC	Light Fixture Control	
P2754	United States of America	2	ODN	16717389	17-Dec-2019	20200120950	23-Apr-2020	10950584	16-Mar-2021	02-Nov-2020	Granted	IDEAL Industries Lighting LLC	WHITE LIGHT EMITTING DEVICES HAVING HIGH LUMINOUS EFFICIENCY AND IMPROVED COLOR RENDERING THAT INCLUDE PASS-THROUGH VIOLET EMISSIONS	
P2754	United States of America	4	ODN	16109354	14-Feb-2023	20230167420 A1	15-Jun-2023		03-Nov-2027		Published	IDEAL Industries Lighting LLC	WHITE LIGHT EMITTING DEVICES HAVING HIGH LUMINOUS EFFICIENCY AND IMPROVED COLOR RENDERING THAT INCLUDE PASS-THROUGH VIOLET EMISSIONS	
P2754	United States of America	0	PRD	82581174	03-Nov-2017				03-Nov-2018		Expired	IDEAL Industries Lighting LLC	White Light Emitting Devices Having High Luminous Efficiency and Improved Color Rendering That Included Pass-Through Violet Emissions	
P2754	United States of America	1	OPD	16179329	02-Nov-2018	2019-0139943	08-May-2019	10,549,843	28-Jan-2020	02-Nov-2020	Granted	IDEAL Industries Lighting LLC	White Light Emitting Devices Having High Luminous Efficiency and Improved Color Rendering That Include Pass-Through Violet Emissions	
P2754	United States of America	3	ODN	17187505	04-Feb-2021	20210156220	27-May-2021	11800805	07-Mar-2023	18-Nov-2020	Granted	IDEAL Industries Lighting LLC	WHITE LIGHT EMITTING DEVICES HAVING HIGH LUMINOUS EFFICIENCY AND IMPROVED COLOR RENDERING THAT INCLUDE PASS-THROUGH VIOLET EMISSIONS	
P2755	United States of America	1	FRI	15948355	19-Dec-2017	2019-0189710	20-Jun-2019	10,320,824	18-Jun-2019	19-Dec-2020	Granted	IDEAL Industries Lighting LLC	LED Light Fixture with Light Shaping Features	
P2758	United States of America	1	OPD								Inactive	IDEAL Industries Lighting LLC	PDE Battery Backup	
P2759	European Patent Convention		PCT	1820913.8	12-Mar-2020	3729911	28-Oct-2020	3729911	01-Sep-2021	14-Dec-2020	Granted	IDEAL Industries Lighting LLC	Lighting Device with Active Thermal Management	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LT; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SK; SM; TR
P2759	Italy		EPP	1820913.8	12-Mar-2020	3729911	28-Oct-2020	3729911	01-Sep-2021	14-Dec-2020	Granted	IDEAL Industries Lighting LLC	Lighting Device with Active Thermal Management	
P2759	United States of America	1	FRI	15948308	19-Dec-2017	2019-0191525	20-Jun-2019	10,342,094	02-Jul-2019	19-Dec-2020	Granted	IDEAL Industries Lighting LLC	Lighting Device with Active Thermal Management	
P2759	Patent Cooperation Treaty		OPD	PCT/US2019/085556	14-Dec-2018	WO2019/125925	27-Jun-2019		14-Dec-2020		Inactive	IDEAL Industries Lighting LLC	Lighting Device with Active Thermal Management	AE; AG; AL; AM; AO; AP; AT; AU; AZ; BA; BB; BD; BE; BN; BR; BW; BY; BZ; CA; CH; CL; CN; CO; CR; CU; CZ; DE; DJ; DK; DM; DZ; EA; EC; EE; EG; EP; ES; FI; GB; GD; GE; GH; GM; GT; HN; HR; HU; ID; IL; IN; IR; IS; JO; JP; KE; KG; KH; KM; KP; KR; KW; KY; LA; LC; LI; LG; LR; LS; LU; LY; MA; MD; ME; MK; MN; MW; MX; MY; NZ; NA; NG; NI; NO; NU; OM; PA; PE; PG; PH; PL; PT; QA; RO; RS; RU; RW; SA; SC; SD; SE; SG; SK; SL; SM; ST; SV; SY; TH; TC; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC; VN; WS; ZA; ZM; ZW
P2760	Patent Cooperation Treaty		OPD	PCT/US2019/030826	03-May-2019	WO2019/121238	14-Nov-2019		05-May-2020		Inactive	IDEAL Industries Lighting LLC	Lumiphor-Converted Solid State Lighting Devices Providing Spectral Power Distribution with Enhanced Perceived Brightness	CA; CN; EP; MX
P2760	Germany		EPP	1924674.7	28-Nov-2020	3791430	17-Mar-2021	3791430	05-Jul-2023	03-May-2020	Granted	IDEAL Industries Lighting LLC	Lumiphor-Converted Solid State Lighting Devices Providing Spectral Power Distribution with Enhanced Perceived Brightness	
P2760	United States of America	1	FRI	15972152	05-May-2018	20190341531	07-Nov-2019	10,526,900	07-Jan-2020	05-May-2020	Granted	IDEAL Industries Lighting LLC	Solid State Lighting Device Providing Spectral Power Distribution with Enhanced Perceived Brightness	
P2760	Canada		PCT	3089124	02-Nov-2020	3089124	14-Nov-2019	3089124	21-Jun-2022	03-May-2020	Granted	IDEAL Industries Lighting LLC	Lumiphor-Converted Solid State Lighting Devices Providing Spectral Power Distribution with Enhanced Perceived Brightness	
P2760	China (People's Republic)		PCT	201900045198.2	04-Jan-2021	112424962	28-Feb-2021				Published	IDEAL Industries Lighting LLC	Lumiphor-Converted Solid State Lighting Devices Providing Spectral Power Distribution with Enhanced Perceived Brightness	
P2760	European Patent Convention		PCT	1924674.7	28-Nov-2020	3791430	17-Mar-2021	3791430	05-Jul-2023	03-May-2020	Granted	IDEAL Industries Lighting LLC	Lumiphor-Converted Solid State Lighting Devices Providing Spectral Power Distribution with Enhanced Perceived Brightness	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LT; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SK; SM; TR
P2760	Mexico		PCT	MX/2020/011890	03-Nov-2020		25-Feb-2021				Published	IDEAL Industries Lighting LLC	Lumiphor-Converted Solid State Lighting Devices Providing Spectral Power Distribution with Enhanced Perceived Brightness	
P2768	United States of America	1	FRI	15967391	20-Apr-2018	2019-0328963	24-Oct-2019	10,760,779	01-Sep-2020	20-Apr-2020	Granted	IDEAL Industries Lighting LLC	Lighting Fixture with Auxiliary Bay	
P2770	United States of America	1	OPD								Inactive	IDEAL Industries Lighting LLC	Polarized Light Image Sensor Techniques	
P2772	United Kingdom	12	RFD	90056543400012	24-Sep-2018			90056543400012	24-Sep-2018	24-Sep-2043	Granted	IDEAL Industries Lighting LLC	LED Troffer Fixture	
P2772	United Kingdom	1	RFD	90056543400001	24-Sep-2018			90056543400001	24-Sep-2018	24-Sep-2043	Granted	IDEAL Industries Lighting LLC	LED Troffer Fixture	
P2772	United Kingdom	10	RFD	90056543400010	24-Sep-2018			90056543400010	24-Sep-2018	24-Sep-2043	Granted	IDEAL Industries Lighting LLC	LED Troffer Fixture	
P2772	United Kingdom	8	RFD	90056543400008	24-Sep-2018			90056543400008	24-Sep-2018	24-Sep-2043	Granted	IDEAL Industries Lighting LLC	LED Troffer Fixture	
P2772	United Kingdom	11	RFD	90056543400011	24-Sep-2018			90056543400011	24-Sep-2018	24-Sep-2043	Granted	IDEAL Industries Lighting LLC	LED Troffer Fixture	
P2772	United Kingdom	3	RFD	90056543400003	24-Sep-2018			90056543400003	24-Sep-2018	24-Sep-2043	Granted	IDEAL Industries Lighting LLC	LED Troffer Fixture	
P2772	United Kingdom	2	RFD	90056543400002	24-Sep-2018			90056543400002	24-Sep-2018	24-Sep-2043	Granted	IDEAL Industries Lighting LLC	LED Troffer Fixture	
P2772	United Kingdom	5	RFD	90056543400005	24-Sep-2018			90056543400005	24-Sep-2018	24-Sep-2043	Granted	IDEAL Industries Lighting LLC	CRX Troffer	
P2772	United Kingdom	6	RFD	90056543400006	24-Sep-2018			90056543400006	24-Sep-2018	24-Sep-2043	Granted	IDEAL Industries Lighting LLC	LED Troffer Fixture	
P2772	United Kingdom	9	RFD	90056543400009	24-Sep-2018			90056543400009	24-Sep-2018	24-Sep-2043	Granted	IDEAL Industries Lighting LLC	LED Troffer Fixture	
P2772	United Kingdom	13	RFD	90056543400013	24-Sep-2018			90056543400013	24-Sep-2018	24-Sep-2043	Granted	IDEAL Industries Lighting LLC	LED Troffer Fixture	
P2772	United Kingdom	4	RFD	90056543400004	24-Sep-2018			90056543400004	24-Sep-2018	24-Sep-2043	Granted	IDEAL Industries Lighting LLC	LED Troffer Fixture	
P2772	United Kingdom	7	RFD	90056543400007	24-Sep-2018			90056543400007	24-Sep-2018	24-Sep-2043	Granted	IDEAL Industries Lighting LLC	LED Troffer Fixture	
P2772	European Community	1-12	DES	005654340	24-Sep-2018			005654340 0012	24-Sep-2018	24-Sep-2043	Granted	IDEAL Industries Lighting LLC	LED Troffer Fixture	
P2772	European Community	1	DES	005654340	24-Sep-2018			005654340 0001	24-Sep-2018	24-Sep-2043	Granted	IDEAL Industries Lighting LLC	LED Troffer Fixture	
P2772	European Community	1-10	DES	005654340	24-Sep-2018			005654340 0010	24-Sep-2018	24-Sep-2043	Granted	IDEAL Industries Lighting LLC	LED Troffer Fixture	
P2772	European Community	1-8	DES	005654340	24-Sep-2018			005654340 0008	24-Sep-2018	24-Sep-2043	Granted	IDEAL Industries Lighting LLC	LED Troffer Fixture	

P2772	United States of America	1	POS	29842,399	29 Mar 2018			0527039	03 Aug 2021	03 Aug 2028	Granted	IDEAL Industries Lighting LLC	LED Troffer Fixture	
P2772	European Community	1-11	DES	00565430	24 Sep 2018			00565430/0011	24 Sep 2018	24 Sep 2043	Granted	IDEAL Industries Lighting LLC	LED Troffer Fixture	
P2772	European Community	1-3	DES	00565430	24 Sep 2018			00565430/0003	24 Sep 2018	24 Sep 2043	Granted	IDEAL Industries Lighting LLC	LED Troffer Fixture	
P2772	European Community	1-2	DES	00565430	24 Sep 2018			00565430/0002	24 Sep 2018	24 Sep 2043	Granted	IDEAL Industries Lighting LLC	LED Troffer Fixture	
P2772	European Community	1-5	DES	00565430	24 Sep 2018			00565430/0005	24 Sep 2018	24 Sep 2043	Granted	IDEAL Industries Lighting LLC	CRX Troffer	
P2772	European Community	1-6	DES	00565430	24 Sep 2018			00565430/0006	24 Sep 2018	24 Sep 2043	Granted	IDEAL Industries Lighting LLC	LED Troffer Fixture	
P2772	European Community	1-9	DES	00565430	24 Sep 2018			00565430/0009	24 Sep 2018	24 Sep 2043	Granted	IDEAL Industries Lighting LLC	LED Troffer Fixture	
P2772	European Community	1-13	DES	00565430	24 Sep 2018			00565430/0013	24 Sep 2018	24 Sep 2043	Granted	IDEAL Industries Lighting LLC	LED Troffer Fixture	
P2772	European Community	1-4	DES	00565430	24 Sep 2018			00565430/0004	24 Sep 2018	24 Sep 2043	Granted	IDEAL Industries Lighting LLC	LED Troffer Fixture	
P2772	European Community	1-7	DES	00565430	24 Sep 2018			00565430/0007	24 Sep 2018	24 Sep 2043	Granted	IDEAL Industries Lighting LLC	LED Troffer Fixture	
P2778	United States of America	0	FRQ	82/828,131	08 Feb 2018					00 Feb 2019	Expired	IDEAL Industries Lighting LLC	Environmental Simulation for Indoor Spaces	
P2778	United States of America	1	ORD	19229,481	28 Jan 2019	2019-0242539	08 Aug 2019	10830400	10 Nov 2020	28 Jan 2028	Granted	IDEAL Industries Lighting LLC	Environmental Simulation for Indoor Spaces	
P2778	United States of America	2	ODN	17/021,899	17 Sep 2020	2021003290	07 Jan 2021				Abandoned	IDEAL Industries Lighting LLC	Providing Light to Simulate a Natural Environment	
P2780	Patent Cooperation Treaty	1	ORD	PCT/US2019/032134	14 May 2019	WC0201926411	28 Nov 2019			24 May 2028	Inactive	IDEAL Industries Lighting LLC	LED Lighting Device with LED Board on Network	CA, CN, EP, MX
P2780	United States of America	1	FRI	15/867,985	24 May 2018	2019/0394841	28 Nov 2019	10,488,481	03 Dec 2019	24 May 2028	Granted	IDEAL Industries Lighting LLC	LED Lighting Device with LED Board on Network	
P2780	Canada	1	PCT	3100980	14 May 2019	3100980	28 Nov 2019				Published	IDEAL Industries Lighting LLC	LED Lighting Device with LED Board on Network	
P2780	China (People's Republic)	1	PCT	20180003255X.3	16 Nov 2020	112154713	29 Dec 2020				Abandoned	IDEAL Industries Lighting LLC	LED Lighting Device with LED Board on Network	
P2780	European Patent Convention	1	PCT	1972819.0.3	30 Nov 2020	380485	14 Apr 2021				Abandoned	IDEAL Industries Lighting LLC	LED Lighting Device with LED Board on Network	AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LI, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR
P2780	Mexico	1	PCT	MXw2020/110972	16 Oct 2020						Pending	IDEAL Industries Lighting LLC	LED Lighting Device with LED Board on Network	
P2781	Patent Cooperation Treaty	1	ORD	PCT/US2019/032778	17 May 2019	WC02019231711	05 Dec 2019			31 May 2028	Inactive	IDEAL Industries Lighting LLC	Solid State Lighting Devices With Reduced Melanin Suppression Characteristics	AE, AG, AI, AM, AO, AP, AT, AU, AZ, BA, BB, BD, BE, BG, BR, BS, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EA, EC, EE, EG, ES, FI, FR, GB, GR, GU, HK, HQ, HR, HU, ID, IL, IN, JP, KE, KG, KH, KR, KW, KZ, LA, LC, LI, LK, LR, LS, LU, LY, MA, MD, ME, MG, MN, MW, MY, NI, NL, NO, NZ, OA, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, VC, VE, ZA, ZM, ZW
P2781	Canada	1	PCT	3101136	29 Nov 2020	3101135	05 Dec 2019	3101135	18 Oct 2022	17 May 2029	Allowed	IDEAL Industries Lighting LLC	Solid State Lighting Devices With Reduced Melanin Suppression Characteristics	
P2781	China (People's Republic)	1	PCT	20180048893.2	20 Jan 2021	112543995	23 Mar 2021				Published	IDEAL Industries Lighting LLC	Solid State Lighting Devices With Reduced Melanin Suppression Characteristics	
P2781	European Patent Convention	1	PCT	19728274.2	27 Nov 2020	3802974	14 Apr 2021	3802974	17 May 2022	17 May 2029	Granted	IDEAL Industries Lighting LLC	Solid State Lighting Devices With Reduced Melanin Suppression Characteristics	AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LI, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR
P2781	Mexico	1	PCT	MXw2020/12889	27 Nov 2020						Pending	IDEAL Industries Lighting LLC	Solid State Lighting Devices With Reduced Melanin Suppression Characteristics	
P2781	Germany	1	EPP	19728274.2	27 Nov 2020	3802974	14 Apr 2021	602916026074.8	17 May 2022	17 May 2029	Granted	IDEAL Industries Lighting LLC	Solid State Lighting Devices With Reduced Melanin Suppression Characteristics	
P2781	United States of America	1	FRI	15/864,483	31 May 2018			10,349,484	09 Jul 2019	31 May 2028	Granted	IDEAL Industries Lighting LLC	Solid State Lighting Devices With Reduced Melanin Suppression Characteristics	
P2782	United States of America	3	ODN	17/741,757	10 May 2022	2022-0345958-A1	27 Oct 2022	11,582,417	14 Feb 2023	02 Feb 2043	Granted	IDEAL Industries Lighting LLC	High Density Parallel Proximal Image Processing	
P2782	United States of America	1	FRI	15/935,043	25 Mar 2018	2019-0297295	29 Sep 2019	10,888,991	15 Dec 2020	25 Mar 2028	Granted	IDEAL Industries Lighting LLC	High Density Parallel Proximal Image Processing	
P2782	United States of America	2	ODN	19/853,554	20 Nov 2020	20210062318	25 Mar 2021	11,330,215	10 May 2022	25 Mar 2028	Granted	IDEAL Industries Lighting LLC	High Density Parallel Proximal Image Processing	
P2785	United Kingdom	1	RFD	90056432200001	17 Sep 2018			90056432200001	17 Sep 2018	17 Sep 2043	Abandoned	IDEAL Industries Lighting LLC	Roadway Luminaire	
P2785	United Kingdom	2	RFD	90056432200002	17 Sep 2018			90056432200002	17 Sep 2018	17 Sep 2043	Abandoned	IDEAL Industries Lighting LLC	Roadway Luminaire	
P2785	European Community	1	DES	00564328	17 Sep 2018			00564328/0001	17 Sep 2018	17 Sep 2043	Abandoned	IDEAL Industries Lighting LLC	Roadway Luminaire	
P2785	European Community	1-2	DES	00564328	17 Sep 2018			00564328/0002	17 Sep 2018	17 Sep 2043	Abandoned	IDEAL Industries Lighting LLC	Roadway Luminaire	
P2785	United States of America	1	DES	29/841,880	17 Mar 2018						Abandoned	IDEAL Industries Lighting LLC	Roadway Luminaire	
P2789	United States of America	1	CIP	15/972,199	08 May 2018	2018-0252658	08 Sep 2018	10,859,753	08 Dec 2020	30 Jan 2027	Granted	IDEAL Industries Lighting LLC	Luminaires Utilizing Waveguides with Extraction Feature Patterns	
P2789	United States of America	2	ODN	17/1137/8	07 Dec 2020	20210132283	06 May 2021	11156760	29 Oct 2021	30 Jan 2027	Granted	IDEAL Industries Lighting LLC	Luminaires Utilizing Waveguides with Extraction Feature Patterns	
P2792	United States of America	3	ODN	16/857,254	18 Oct 2019	20200749316	13 Feb 2020	10781984	22 Sep 2020	30 Jan 2027	Granted	IDEAL Industries Lighting LLC	Skylight Fixture	
P2792	Canada	1	PCT	3089271	20 Jul 2020	3089271	15 Aug 2019	3,089,271	14 Feb 2023	05 Feb 2029	Granted	IDEAL Industries Lighting LLC	Skylight Fixture	
P2792	China (People's Republic)	1	PCT	20180012617.5	06 Aug 2020	111712671	25 Sep 2020				Published	IDEAL Industries Lighting LLC	Skylight Fixture	
P2792	European Patent Convention	1	PCT	1973909.9	21 Jul 2020	3749894	16 Dec 2020				Published	IDEAL Industries Lighting LLC	Skylight Fixture	AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LI, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR
P2792	Mexico	1	PCT	MXw2020/038354	07 Aug 2020						Pending	IDEAL Industries Lighting LLC	Skylight Fixture	
P2792	United States of America	5	CIP	17/498/05	12 Oct 2021	2022028052	27 Jan 2022	11,739,977	15 Aug 2022	30 Jan 2027	Granted	IDEAL Industries Lighting LLC	Lighting Fixture and Methods	
P2792	United States of America	2	CIP	15/972,178	08 May 2018	US2018-0259140	13 Sep 2018	10,451,299	22 Oct 2019	30 Jan 2027	Granted	IDEAL Industries Lighting LLC	Skylight Fixture	
P2792	Patent Cooperation Treaty	1	ORD	PCT/US2019/018582	05 Feb 2019	WC02019156950	15 Aug 2019			05 Feb 2029	Published	IDEAL Industries Lighting LLC	Skylight Fixture	AE, AG, AI, AM, AO, AP, AT, AU, AZ, BA, BB, BD, BE, BG, BR, BS, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EA, EC, EE, EG, ES, FI, FR, GB, GR, GU, HK, HQ, HR, HU, ID, IL, IN, JP, KE, KG, KH, KR, KW, KZ, LA, LC, LI, LK, LR, LS, LU, LY, MA, MD, ME, MG, MN, MW, MY, NI, NL, NO, NZ, OA, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, VC, VE, ZA, ZM, ZW
P2792	United States of America	1	CIP	15/972,178	08 May 2018	US2018-0252374	08 Sep 2018	10,485,889	05 Nov 2019	30 Jan 2027	Granted	IDEAL Industries Lighting LLC	Skylight Fixture	
P2792	United States of America	4	ODN	19/861,200	11 Aug 2020	2020070719	28 Nov 2020	11269138	28 Dec 2021	30 Jan 2027	Granted	IDEAL Industries Lighting LLC	Skylight Fixture Emulating Natural Exterior Light	

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
P2347	Patent Cooperation Treaty		ORD	PCT/US2019/04073	05-Jul-2019	2020/04/08/00	27-Feb-2020		22-Aug-2038	Published	IDEAL Industries Lighting LLC	Method and System for Image Based Occupancy Detection	AE; AG; AL; AM; AO; AP; AT; AU; AZ; BA; BB; BD; BH; BN; BR; BW; BY; BZ; CA; CH; CL; CN; CO; CR; CU; CZ; DE; DK; DM; DO; DZ; EA; EC; EE; EG; EP; ES; FI; GB; GD; GE; GH; GM; GT; HN; HR; HU; ID; IL; IN; IR; IS; IT; JP; KE; KG; KH; KN; KR; KP; KW; KZ; LA; LC; LI; LK; LR; LS; LU; LY; MA; MD; MG; MN; MW; MX; MY; MZ; NA; ND; NE; NG; NZ; OM; OA; PA; PE; PG; PH; PL; PT; QA; RO; RS; RU; RW; SA; SC; SD; SE; SG; SK; SL; ST; SV; SY; TH; T2; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC; VN; WS; ZA; ZM; ZW	
P2347	United States of America	2	DDN	17/542621	06-Dec-2021	20220902/03	24-Mar-2022	11,857,537	20-May-2020	22-Aug-2038	Granted	IDEAL Industries Lighting LLC	Image Based Occupancy Detector	
P2347	United States of America	1	FRI	18108.975	22-Aug-2019	20200065/72	27-Feb-2020	11156302	07-Dec-2021	22-Aug-2038	Granted	IDEAL Industries Lighting LLC	Method and System for Image Based Occupancy Detection	
P2347	European Patent Convention		PCT	18745458.0	22-Mar-2021	3841738	30-Jun-2021				Published	IDEAL Industries Lighting LLC	Method and System for Image Based Occupancy Detection	
P2352	Patent Cooperation Treaty		ORD	PCT/US2019/056451	18-Oct-2019	WO2020/018633	23-Apr-2020		16-Oct-2038	Inactive	IDEAL Industries Lighting LLC	Solid State Luminaire with Field-Configurable CCT and/or Lumimoddy	AE; AG; AL; AM; AO; AP; AT; AU; AZ; BA; BB; BD; BH; BN; BR; BW; BY; BZ; CA; CH; CL; CN; CO; CR; CU; CZ; DE; DK; DM; DO; DZ; EA; EC; EE; EG; EP; ES; FI; GB; GD; GE; GH; GM; GT; HN; HR; HU; ID; IL; IN; IR; IS; IT; JP; KE; KG; KH; KN; KR; KP; KW; KZ; LA; LC; LI; LK; LR; LS; LU; LY; MA; MD; MG; MN; MW; MX; MY; MZ; NA; ND; NE; NG; NZ; OM; OA; PA; PE; PG; PH; PL; PT; QA; RO; RS; RU; RW; SA; SC; SD; SE; SG; SK; SL; ST; SV; SY; TH; T2; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC; VN; WS; ZA; ZM; ZW	
P2352	United States of America	2	DDN	16881.707	17-Apr-2020	20202053/15	08-Aug-2020	11032885	08-Jun-2021	16-Oct-2038	Granted	IDEAL Industries Lighting LLC	Solid State Luminaire with Field-Configurable CCT and/or Lumimoddy	
P2352	United States of America	1	FRI	18161.723	18-Oct-2018	20201012/70	16-Apr-2020	10660174	19-May-2020	16-Oct-2038	Granted	IDEAL Industries Lighting LLC	Solid State Luminaire with Field-Configurable CCT and/or Lumimoddy	
P2352	China (People's Republic)		PCT	201980388/14.8	15-Apr-2021	113198883	30-Jul-2021				Published	IDEAL Industries Lighting LLC	Solid State Luminaire with Field-Configurable CCT and/or Lumimoddy	
P2352	European Patent Convention		PCT	18004897.7	16-Apr-2021	3848179	25-Aug-2021				Abandoned	IDEAL Industries Lighting LLC	Solid State Luminaire with Field-Configurable CCT and/or Lumimoddy	AL; AT; BE; BD; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LU; LV; LY; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SG; SK; SL; TR
P2359	United States of America	1	ORD	16704.629	25-Apr-2019	20202047384	20-Aug-2020	10989535	08-Apr-2021	25-Apr-2038	Granted	IDEAL Industries Lighting LLC	Waveguide luminaire with Side Glare Shield	
P2359	United States of America	0	PRQ	82/805.618	14-Feb-2019					14-Feb-2020	Expired	IDEAL Industries Lighting LLC	IG Side Glare Shield	
P2368	United States of America	1	POS	29685.261	02-Oct-2018			D919225	09-Feb-2021	09-Feb-2038	Granted	IDEAL Industries Lighting LLC	LED Luminaire	
P2380	Patent Cooperation Treaty		ORD	PCT/US2020/022226	12-Mar-2020	20202051/91	08-Oct-2020		12-Mar-2040	Inactive	IDEAL Industries Lighting LLC	Waveguide Managing High Power Density	AE; AG; AL; AM; AO; AP; AT; AU; AZ; BA; BB; BD; BH; BN; BR; BW; BY; BZ; CA; CH; CL; CN; CO; CR; CU; CZ; DE; DK; DM; DO; DZ; EA; EC; EE; EG; EP; ES; FI; GB; GD; GE; GH; GM; GT; HN; HR; HU; ID; IL; IN; IR; IS; IT; JP; KE; KG; KH; KN; KR; KP; KW; KZ; LA; LC; LI; LK; LR; LS; LU; LY; MA; MD; MG; MN; MW; MX; MY; MZ; NA; ND; NE; NG; NZ; OM; OA; PA; PE; PG; PH; PL; PT; QA; RO; RS; RU; RW; SA; SC; SD; SE; SG; SK; SL; ST; SV; SY; TH; T2; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC; VN; WS; ZA; ZM; ZW	
P2388	United States of America	3	CIP	18135.588	17-Apr-2023						Pending	IDEAL Industries Lighting LLC	Waveguide Apparatus	
P2388	Canada	1	PCT	3.130.487	16-Aug-2021	3130487	08-Oct-2020		12-Mar-2040	Allowed	IDEAL Industries Lighting LLC	Waveguide Managing High Power Density		
P2388	European Patent Convention		PCT	20717045.7	02-Aug-2021	3948070	09-Feb-2022				Published	IDEAL Industries Lighting LLC	Waveguide Managing High Power Density	AL; AT; BE; BD; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LU; LV; LY; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SG; SK; SL; TR
P2388	Mexico	1	PCT	MX/2021/011821	27-Sep-2021		17-Nov-2021				Published	IDEAL Industries Lighting LLC	Waveguide Managing High Power Density	
P2388	United States of America	2	CIP	17872.510	15-Feb-2022	20220170/803	02-Jun-2022	11659560	23-May-2020	29-Mar-2039	Granted	IDEAL Industries Lighting LLC	Waveguide Managing High Power Density	
P2388	United States of America	1	FRI	18389.138	29-Mar-2019	20200101/022	01-Oct-2020	11248239	15-Feb-2022	29-Mar-2039	Granted	IDEAL Industries Lighting LLC	Waveguide Managing High Power Density	
P2394	United States of America	2	DDN	16734.608	18-Feb-2020	20202044255	21-Aug-2020	10935821	02-Mar-2021	19-Feb-2038	Granted	IDEAL Industries Lighting LLC	Indoor Positioning System	
P2394	Patent Cooperation Treaty		ORD	PCT/US2020/018734	18-Feb-2020	WO2020/172213	27-Aug-2020				Published	IDEAL Industries Lighting LLC	Indoor Positioning System	AE; AG; AL; AM; AO; AP; AT; AU; AZ; BA; BB; BD; BH; BN; BR; BW; BY; BZ; CA; CH; CL; CN; CO; CR; CU; CZ; DE; DK; DM; DO; DZ; EA; EC; EE; EG; EP; ES; FI; GB; GD; GE; GH; GM; GT; HN; HR; HU; ID; IL; IN; IR; IS; IT; JP; KE; KG; KH; KN; KR; KP; KW; KZ; LA; LC; LI; LK; LR; LS; LU; LY; MA; MD; MG; MN; MW; MX; MY; MZ; NA; ND; NE; NG; NZ; OM; OA; PA; PE; PG; PH; PL; PT; QA; RO; RS; RU; RW; SA; SC; SD; SE; SG; SK; SL; ST; SV; SY; TH; T2; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC; VN; WS; ZA; ZM; ZW
P2394	Germany		PCT	11202003883.8	08-Aug-2021				19-Feb-2040	Pending	IDEAL Industries Lighting LLC	Indoor Positioning System		
P2394	United States of America	1	FRI	16279.471	18-Feb-2019			10,620,290	14-Apr-2020	19-Feb-2039	Granted	IDEAL Industries Lighting LLC	Indoor Positioning System	
P2398	United States of America	2	DDN	29797486	30-Jun-2021						Pending	IDEAL Industries Lighting LLC	LED Troffer	
P2398	United States of America	1	DOP	29875.123	28-Dec-2018			0287027	03-Aug-2021	03-Aug-2038	Granted	IDEAL Industries Lighting LLC	LED Troffer	
P2394	United States of America	2	POS	29881.882	20-May-2019			D918330	13-Apr-2021	13-Apr-2038	Granted	IDEAL Industries Lighting LLC	Luminaire	
P2394	United States of America	3	POS	29881.885	20-May-2019			D907840	12-Jan-2021	12-Jan-2038	Granted	IDEAL Industries Lighting LLC	Luminaire	
P2394	United States of America	4	POS	29881.889	20-May-2019			D953874	19-Oct-2021	12-Jan-2038	Granted	IDEAL Industries Lighting LLC	Luminaire	
P2394	United States of America	5	POS	29881.870	20-May-2019			D952088	28-Sep-2021	28-Sep-2038	Granted	IDEAL Industries Lighting LLC	Luminaire	
P2394	Patent Cooperation Treaty		ORD	PCT/US2020/031598	08-May-2020	20202294/27	26-Nov-2020				Published	IDEAL Industries Lighting LLC	High Bay Luminaire	AE; AG; AL; AM; AO; AP; AT; AU; AZ; BA; BB; BD; BH; BN; BR; BW; BY; BZ; CA; CH; CL; CN; CO; CR; CU; CZ; DE; DK; DM; DO; DZ; EA; EC; EE; EG; EP; ES; FI; GB; GD; GE; GH; GM; GT; HN; HR; HU; ID; IL; IN; IR; IS; IT; JP; KE; KG; KH; KN; KR; KP; KW; KZ; LA; LC; LI; LK; LR; LS; LU; LY; MA; MD; MG; MN; MW; MX; MY; MZ; NA; ND; NE; NG; NZ; OM; OA; PA; PE; PG; PH; PL; PT; QA; RO; RS; RU; RW; SA; SC; SD; SE; SG; SK; SL; ST; SV; SY; TH; T2; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC; VN; WS; ZA; ZM; ZW
P2394	China (People's Republic)		PUM	20209005/73.3	17-Nov-2021	217273884U	23-Aug-2022	217273884U	23-Aug-2022	08-May-2030	Granted	IDEAL Industries Lighting LLC	High Bay Luminaire	
P2394	European Patent Convention		PCT	20809881.0	18-Nov-2021	3973224	30-Mar-2022				Published	IDEAL Industries Lighting LLC	High Bay Luminaire	AL; AT; BE; BD; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LU; LV; LY; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SG; SK; SL; TR
P2394	United States of America	1	FRI	16418.662	20-May-2019	20200370720	28-Nov-2020	10935198	02-Mar-2021	20-May-2039	Granted	IDEAL Industries Lighting LLC	High Bay Luminaire	
P2394	United States of America	6	DDN	17111009	03-Dec-2020	20210116/884	22-Apr-2021	11221115	11-Jan-2022	20-May-2039	Granted	IDEAL Industries Lighting LLC	High Bay Luminaire	
P2398	United States of America	1	DES	29710.287	22-Oct-2019						Allowed	IDEAL Industries Lighting LLC	Bay Lighting Fixture	
P2398	Canada		DES	189188	12-Aug-2019	189188	16-Aug-2021	189188	15-Oct-2021	12-Aug-2034	Granted	IDEAL Industries Lighting LLC	LED Roadway Light Fixture	
P2398	European Community		DES	008719332	14-Aug-2019			008719332-0001	14-Aug-2019	14-Aug-2044	Granted	IDEAL Industries Lighting LLC	LED Roadway Light Fixture	
P2398	China (People's Republic)		DES	201930441384.4	14-Aug-2019			21201930441384.4	19-Jun-2020	14-Aug-2028	Granted	IDEAL Industries Lighting LLC	LED Roadway Light Fixture	
P2398	Mexico		DES	MO/2019/032201	14-Aug-2019			80655	30-Apr-2021	14-Aug-2044	Granted	IDEAL Industries Lighting LLC	LED Roadway Light Fixture	
P2398	European Community		DES	008719332-0002	14-Aug-2019			008719332-0002	14-Aug-2019	14-Aug-2044	Granted	IDEAL Industries Lighting LLC	LED Roadway Light Fixture	
P2398	European Community		DES	008719332-0003	14-Aug-2019			008719332-0003	14-Aug-2019	14-Aug-2044	Granted	IDEAL Industries Lighting LLC	LED Roadway Light Fixture	
P2398	European Community		DES	008719332-0004	14-Aug-2019			008719332-0004	14-Aug-2019	14-Aug-2044	Granted	IDEAL Industries Lighting LLC	LED Roadway Light Fixture	
P2398	European Community		DES	008719332-0005	14-Aug-2019			008719332-0005	14-Aug-2019	14-Aug-2044	Granted	IDEAL Industries Lighting LLC	LED Roadway Light Fixture	
P2398	European Community		DES	008719332-0008	14-Aug-2019			008719332-0008	14-Aug-2019	14-Aug-2044	Granted	IDEAL Industries Lighting LLC	LED Roadway Light Fixture	
P2398	United Kingdom		FRD	9008719332	14-Aug-2019			9008719332-0001	14-Aug-2019	14-Aug-2044	Granted	IDEAL Industries Lightin		

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P2930	United Kingdom	2	RFD	9009719332	14-Aug-2019			9009719332-0002	14-Aug-2019	14-Aug-2044	Granted	IDEAL INDUSTRIES LIGHTING LLC	LED ROADWAY LIGHT FIXTURE	
P2930	United Kingdom	3	RFD	9009719332	14-Aug-2019			9009719332-0003	14-Aug-2019	14-Aug-2044	Granted	IDEAL INDUSTRIES LIGHTING LLC	LED ROADWAY LIGHT FIXTURE	
P2930	United Kingdom	4	RFD	9009719332	14-Aug-2019			9009719332-0004	14-Aug-2019	14-Aug-2044	Granted	IDEAL INDUSTRIES LIGHTING LLC	LED ROADWAY LIGHT FIXTURE	
P2930	United Kingdom	5	RFD	9009719332	14-Aug-2019			9009719332-0005	14-Aug-2019	14-Aug-2044	Granted	IDEAL INDUSTRIES LIGHTING LLC	LED ROADWAY LIGHT FIXTURE	
P2930	United Kingdom	6	RFD	9009719332	14-Aug-2019			9009719332-0006	14-Aug-2019	14-Aug-2044	Granted	IDEAL INDUSTRIES LIGHTING LLC	LED ROADWAY LIGHT FIXTURE	
P2930	Canada	2	DOV	206833	29-Sep-2021			206833	15-Oct-2021	12-Aug-2034	Granted	IDEAL INDUSTRIES LIGHTING LLC	LED ROADWAY LIGHT FIXTURE	
P2930	United States of America	1	POS	29480,210	14-Feb-2019			D20956	25-May-2021	25-May-2039	Granted	IDEAL INDUSTRIES LIGHTING LLC	LED ROADWAY LIGHT FIXTURE	
P2980	United States of America	1	FRI	19822,212	18-Mar-2020			10982700	30-Mar-2021	18-Mar-2040	Granted	IDEAL INDUSTRIES LIGHTING LLC	Field-Reconfigurable Luminaire	
P2981	United States of America	1	FRI	19558,984	03-Sep-2019	2021006298	04-Mar-2021	11092313	17-Aug-2021	03-Sep-2039	Granted	IDEAL INDUSTRIES LIGHTING LLC	Luminaires and Components Thereof	
P2981	United States of America	2	PCT	17638,445	01-Mar-2022	US20220325071 A1	13-Oct-2022			03-Sep-2039	Published	IDEAL INDUSTRIES LIGHTING LLC	Luminaires and Components Thereof	
P2981	Canada		PCT	3,147,174	07-Feb-2022	3147174	11-Mar-2021			03-Sep-2039	Published	IDEAL INDUSTRIES LIGHTING LLC	Luminaires and Components Thereof	
P2981	Mexico		PCT	2020002570	01-Mar-2022		11-Apr-2022			03-Sep-2039	Published	IDEAL INDUSTRIES LIGHTING LLC	Luminaires and Components Thereof	
P2981	Germany		PUM	21202007013 6	25-Feb-2022			21202007013	02-May-2022	02-Sep-2031	Granted	IDEAL INDUSTRIES LIGHTING LLC	Optics for Proliferation-Free High Bay	
P2981	Patent Cooperation Treaty		OPD	PCT/US2020/049039	02-Sep-2020	2021049108	11-Mar-2021			02-Sep-2040	Published	IDEAL INDUSTRIES LIGHTING LLC	Luminaires and Components Thereof	
P2983	United States of America	0	PRD	62857,805	05-Jun-2019					05-Jun-2020	Expired	IDEAL INDUSTRIES LIGHTING LLC	Low-profile LED Light Fixtures with improved mounting and optical features	
P2983	United States of America	1	OPD	19891,962	03-Jun-2020	20200389377	10-Dec-2020	11095599	10-Aug-2021	03-Jun-2040	Granted	IDEAL INDUSTRIES LIGHTING LLC	OVERHEAD LIGHT FIXTURES AND METHODS	
P2983	Patent Cooperation Treaty		OPD	PCT/US2020/39083	04-Jun-2020	2020247632	10-Dec-2020				Published	IDEAL INDUSTRIES LIGHTING LLC	Low-profile LED Light Fixtures with improved mounting and optical features	AE; AG; AL; AM; AO; AP; AT; AU; AZ; BA; BB; BD; BH; BN; BR; BW; BY; BZ; CA; CH; CL; CN; CO; CR; CU; CZ; DE; DK; DM; DO; DZ; EA; EC; EE; EG; EP; ES; FI; GB; GD; GE; GF; GM; GT; HN; HR; HU; IL; IN; IR; IS; IT; JO; JP; KE; KG; KH; KN; KR; KW; KZ; LA; LC; LI; LK; LR; LS; LU; LV; LY; MA; MD; ME; MG; MK; MN; MW; MX; MY; NZ; NI; NO; NZ; OM; PA; PE; PG; PH; PL; PT; QA; RO; RS; RU; RW; SA; SC; SD; SE; SG; SK; SL; ST; SV; SY; TH; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC; VN; WS; ZA; ZM; ZW
P2983	Canada		PCT	3,142,191	28-Nov-2021	3142191	10-Dec-2020				Published	IDEAL INDUSTRIES LIGHTING LLC	Low-profile LED Light Fixtures with improved mounting and optical features	
P2983	China (People's Republic)		PUM	20209009848 8	06-Dec-2021			217818405	15-Nov-2022	04-Jun-2030	Granted	IDEAL INDUSTRIES LIGHTING LLC	Low-profile LED Light Fixtures with improved mounting and optical features	
P2983	European Patent Convention		PCT	20740994 8	16-Nov-2021	3880982	10-Apr-2022				Published	IDEAL INDUSTRIES LIGHTING LLC	Low-profile LED Light Fixtures with improved mounting and optical features	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LT; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SG; SK; SM; TR
P2983	Mexico		PCT	2021014940	03-Dec-2021						Pending	IDEAL INDUSTRIES LIGHTING LLC	Low-profile LED Light Fixtures with improved mounting and optical features	
P2983	New Zealand		PCT	728278	24-Nov-2021						Pending	IDEAL INDUSTRIES LIGHTING LLC	Low-profile LED Light Fixtures with improved mounting and optical features	
P2983	Australia		PCT	2020289511	24-Nov-2021			2020289511	29-Jun-2022	04-Jun-2040	Granted	IDEAL INDUSTRIES LIGHTING LLC	Low-profile LED Light Fixtures with improved mounting and optical features	
P2983	Colombia		PCT	2021001298	16-Dec-2021	NC2021001298	08-Apr-2022				Published	IDEAL INDUSTRIES LIGHTING LLC	Low-profile LED Light Fixtures with improved mounting and optical features	
P2983	United Arab Emirates		PCT	P801220021	05-Dec-2021						Pending	IDEAL INDUSTRIES LIGHTING LLC	Low-profile LED Light Fixtures with improved mounting and optical features	
P2983	United States of America	3	ODN	17573,361	11-Jan-2022	20220120204	28-Apr-2022				Allowed	IDEAL INDUSTRIES LIGHTING LLC	OVERHEAD LIGHT FIXTURES AND METHODS	
P2983	United States of America	2	ODN	17308520	29-Jul-2021	20210359080	18-Nov-2021	11,555,548	17-Jan-2022	03-Jun-2040	Granted	IDEAL INDUSTRIES LIGHTING LLC	OVERHEAD LIGHT FIXTURES AND METHODS	
P2974	United States of America	1	FRI	16884,261	25-Nov-2019	20210198546	27-May-2021	11029002	08-Jun-2021	25-Nov-2039	Granted	IDEAL INDUSTRIES LIGHTING LLC	Teledisk Optic Couplings for Luminaires	
P2974	Canada		PCT	3,153,475	01-Apr-2022	3153475	03-Jun-2021				Published	IDEAL INDUSTRIES LIGHTING LLC	Teledisk Optic Couplings for Luminaires	
P2974	Mexico		PCT	MX/2022/005856	13-May-2022						Pending	IDEAL INDUSTRIES LIGHTING LLC	Teledisk Optic Couplings for Luminaires	
P2974	Patent Cooperation Treaty		OPD	PCT/US2020/001031	18-Nov-2020	2021100169	03-Jun-2021			18-Nov-2040	Published	IDEAL INDUSTRIES LIGHTING LLC	Teledisk Optic Couplings for Luminaires	AE; AG; AL; AM; AO; AP; AT; AU; AZ; BA; BB; BD; BH; BN; BR; BW; BY; BZ; CA; CH; CL; CN; CO; CR; CU; CZ; DE; DK; DM; DO; DZ; EA; EC; EE; EG; EP; ES; FI; GB; GD; GE; GF; GM; GT; HN; HR; HU; IL; IN; IR; IS; IT; JM; JO; JP; KE; KG; KH; KN; KP; KR; KW; KZ; LA; LC; LI; LK; LR; LS; LU; LV; LY; MA; MD; ME; MG; MK; MN; MW; MX; MY; NZ; NI; NO; NZ; OM; PA; PE; PG; PH; PL; PT; QA; RO; RS; RU; RW; SA; SC; SD; SE; SG; SK; SL; ST; SV; SY; TH; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC; VN; WS; ZA; ZM; ZW
P2974	United States of America	2	ODN	17313076	06-May-2021	20210254813	19-Aug-2021	11,267,110	29-Mar-2022	25-Nov-2039	Granted	IDEAL INDUSTRIES LIGHTING LLC	Teledisk Optic Couplings for Luminaires	
P2988	United States of America	1	FRI	19967,115	29-Oct-2019	20210123589	29-Apr-2021	11029008	08-Jun-2021	29-Oct-2039	Granted	IDEAL INDUSTRIES LIGHTING LLC	Lighting Fixture Including a Color Changing Component	
P2988	Patent Cooperation Treaty		OPD	PCT/US2020/057744	28-Oct-2020	2021089999	06-May-2021			28-Oct-2040	Published	IDEAL INDUSTRIES LIGHTING LLC	Lighting Fixture Including a Color Changing Component	
P2987	United States of America	1	FRI	19967,315	29-Oct-2019			10828672	05-Jan-2021	29-Oct-2039	Granted	IDEAL INDUSTRIES LIGHTING LLC	Reflector Structures for Lighting Devices	
P2987	Patent Cooperation Treaty		OPD	PCT/US2020/052092	23-Sep-2020	2021028519	06-May-2021				Published	IDEAL INDUSTRIES LIGHTING LLC	Reflector Structures for Lighting Devices	
P2998	United States of America	1	OPD	17091385	06-Nov-2020	20210190299	24-Jun-2021	11,592,162	28-Feb-2023	23-Feb-2043	Granted	IDEAL INDUSTRIES LIGHTING LLC	LED LUMINAIRE	
P2998	Patent Cooperation Treaty		OPD	PCT/US2020/056063	06-Nov-2020	2021133474	01-Jul-2021				Abandoned	IDEAL INDUSTRIES LIGHTING LLC	LED LUMINAIRE	
P2998	Italy	1	FRI	102019000029210	23-Dec-2019			102019000025216	16-Dec-2021	23-Dec-2039	Abandoned	IDEAL INDUSTRIES LIGHTING LLC	LED LUMINAIRE	
P3002	United States of America	1	FRI	19794,628	18-Feb-2020	20210259070	19-Aug-2021				Abandoned	IDEAL INDUSTRIES LIGHTING LLC	Lighting Fixture for Dynamic Lighting Effects	
P3002	Canada		PCT	3,165,745	22-Jun-2022	3165745	28-Aug-2021				Abandoned	IDEAL INDUSTRIES LIGHTING LLC	Lighting Fixture for Dynamic Lighting Effects	
P3002	Patent Cooperation Treaty		OPD	PCT/US2021/016548	04-Feb-2021	2021187793	28-Aug-2021				Inactive	IDEAL INDUSTRIES LIGHTING LLC	Lighting Fixture for Dynamic Lighting Effects	AE; AG; AL; AM; AO; AP; AT; AU; AZ; BA; BB; BD; BH; BN; BR; BW; BY; BZ; CA; CH; CL; CN; CO; CR; CU; CZ; DE; DK; DM; DO; DZ; EA; EC; EE; EG; EP; ES; FI; GB; GD; GE; GF; GM; GT; HN; HR; HU; IL; IN; IR; IS; IT; JM; JO; JP; KE; KG; KH; KN; KP; KR; KW; KZ; LA; LC; LI; LK; LR; LS; LU; LV; LY; MA; MD; ME; MG; MK; MN; MW; MX; MY; NZ; NI; NO; NZ; OM; PA; PE; PG; PH; PL; PT; QA; RO; RS; RU; RW; SA; SC; SD; SE; SG; SK; SL; ST; SV; SY; TH; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC; VN; WS; ZA; ZM; ZW
P3007	United States of America	0	PRD	62928,862	28-Oct-2019					28-Oct-2020	Expired	IDEAL INDUSTRIES LIGHTING LLC	Systems and Methods for Providing Dynamic Lighting	
P3007	United States of America	2	OIP	17084,190	08-Aug-2022	20220386435 A1	01-Dec-2022				Published	IDEAL INDUSTRIES LIGHTING LLC	Systems and Methods for Providing Dynamic Lighting	
P3007	European Patent Convention		PCT	20807240 5	02-Mar-2022	4052543	07-Sep-2022				Published	IDEAL INDUSTRIES LIGHTING LLC	Systems and Methods for Providing Dynamic Lighting	AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LT; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SG; SK; SM; TR
P3007	United States of America	1	OPD	17082767	28-Oct-2020	20210127475	29-Apr-2021	11,419,261	16-Aug-2022	28-Oct-2040	Granted	IDEAL INDUSTRIES LIGHTING LLC	Systems and Methods for Providing Dynamic Lighting	

P3007	Patent Cooperation Treaty		OPF	PCT/US2020/057708	28-Oct-2020	2021088943	08-May-2021			28-Oct-2040	Published	IDEAL Industries Lighting LLC	Systems and Methods for Providing Dynamic Lighting	AE, AG, AL, AM, AO, AP, AT, AU, AZ, BA, BB, BD, BF, BG, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DJ, DK, DM, DO, DZ, EA, EC, EE, EG, EP, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, JP, KR, KZ, LA, LC, LI, LU, LV, LY, MA, MD, MG, MK, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, WS, ZA, ZM, ZW
P3008	United States of America	1	PRI								Inactive	IDEAL Industries Lighting LLC	LightConnect	
P3009	United States of America	1	PRI								Combined	IDEAL Industries Lighting LLC	Dynamic Lighting	

SCHEDULE 1
Trademarks

Doc. No.	Trademark	Country	Sub Class	Case Type	Registration No.	Registration Date	Status	Application No.	Filing Date	Publication No.	Publication Date	Mark Type	Status Date	Assignee Name	Tech Area Name	Classes	Goods	Image
TM001440A	4FLOW	Canada	11	ORD	959647	10 Jan 2017	Registered	1725137	23 Apr 2015			Word	10 Jan 2017	IDEAL Industries Lighting LLC	Lighting	11 Nat	11 Nat. LED (light emitting diode) lighting fixtures, light bulbs, lighting fixtures	
TM001442R	4FLOW	Costa Rica	11	ORD	247596	27 Oct 2015	Registered	2015003865	23 Apr 2015				27 Oct 2015	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. LED (light emitting diode) lighting fixtures, light bulbs, lighting fixtures	
TM001446U	4FLOW	European Union (Community)	11	MPP	1246363	21 Mar 2016	Registered	1246363	22 Apr 2015			Word	22 Apr 2015	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. LED (light emitting diode) lighting fixtures, light bulbs, lighting fixtures	
TM001448X	4FLOW	Mexico	11	MPP	1639867	31 May 2016	Registered	1246363	22 Apr 2015			Word	22 Apr 2015	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. LED (light emitting diode) lighting fixtures, light bulbs, lighting fixtures	
TM001447M	4FLOW	Int'l Registration - Madrid Agreement / Protocol		ORD	1246363	22 Apr 2015	Registered	IR1246363	22 Apr 2015				22 Apr 2015	Owo, Inc.	Lighting	11 Int.	11 Int. LED (light emitting diode) lighting fixtures, light bulbs, lighting fixtures	
TM001440K	4FLOW	United Kingdom	11	MPP	00801246363	21 Mar 2016	Registered	1246363	22 Apr 2015			Word	22 Apr 2015	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. LED (light emitting diode) lighting fixtures, light bulbs, lighting fixtures	
TM001440S	4FLOW	United States of America	11	PRI	4896328	02 Feb 2016	Registered	86434544	24 Oct 2014				02 Feb 2016	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. LED (light emitting diode) lighting fixtures, light bulbs, lighting fixtures	
TM00145CA	4FLOW & Design	Canada	11	ORD	975191	06 Jul 2017	Registered	1725138	23 Apr 2015				06 Jul 2017	IDEAL Industries Lighting LLC	Lighting	11 Nat	11 Nat. LED (light emitting diode) lighting fixtures, light bulbs, lighting fixtures	
TM00145CR	4FLOW & Design	Costa Rica	11	ORD	247194	06 Oct 2015	Registered	20153896	23 Apr 2015				06 Oct 2015	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. LED (light emitting diode) lighting fixtures, light bulbs, lighting fixtures	
TM00145EU	4FLOW & Design	European Union (Community)	11	MPP	1247924	22 Apr 2015	Registered	1247924	22 Apr 2015			Logo	22 Apr 2015	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. LED (light emitting diode) lighting fixtures, light bulbs, lighting fixtures	
TM00145MX	4FLOW & Design	Mexico	11	MPP	1641055	30 May 2016	Registered	1247924	22 Apr 2015				22 Apr 2015	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. LED (light emitting diode) lighting fixtures, light bulbs, lighting fixtures	
TM00145PM	4FLOW & Design	Int'l Registration - Madrid Agreement / Protocol		ORD	1247924	22 Apr 2015	Registered	IR1247924	22 Apr 2015				22 Apr 2015	Owo, Inc.	Lighting	11 Int.	11 Int. LED (light emitting diode) lighting fixtures, light bulbs, lighting fixtures	
TM00145UK	4FLOW & Design	United Kingdom	11	MPP	00801247924	24 Mar 2016	Registered	1247924	22 Apr 2015			Logo	22 Apr 2015	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. LED (light emitting diode) lighting fixtures, light bulbs, lighting fixtures	
TM00145US	4FLOW & Design	United States of America	11	PRI	4937945	12 Apr 2016	Registered	86434545	24 Oct 2014				12 Apr 2016	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. LED (light emitting diode) lighting fixtures, light bulbs, lighting fixtures	
TM00165US	A BETTER LED BULB	United States of America	11	PRI	5009789	26 Jul 2016	Registered	86739914	25 Aug 2015				26 Jul 2016	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. LED (light emitting diode) lighting fixtures, light bulbs, lighting fixtures	
TM00108AE	AERORLADES	United Arab Emirates	11	ORD			Pending	180043	30 Sep 2012			Word	30 Sep 2012	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. LED lighting fixtures, namely, outdoor applications of roadway, security and area lighting including pathway, parking lot, city block and corporate campus lighting. LED lighting fixtures for outdoor applications of roadway, security and area lighting	
TM00108AR	AERORLADES	Argentina	11	ORD	2620125	06 Jun 2014	Registered	3195541	01 Oct 2012			Word	06 Jun 2014	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. LED lighting fixtures, namely, outdoor applications of roadway, security and area lighting including pathway, parking lot, city block and corporate campus lighting	
TM00108AU	AERORLADES	Australia	11	MPP	1554486	05 Dec 2012	Registered	1121172	30 Mar 2012			Word	05 Dec 2012	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. LED lighting fixtures, namely, outdoor applications of roadway, security and area lighting including pathway, parking lot, city block and corporate campus lighting	
TM00108CA	AERORLADES	Canada	11	ORD	899560	26 Mar 2015	Registered	1571516	02 Apr 2012				26 Mar 2015	IDEAL Industries Lighting LLC	Lighting	11 Nat	11 Nat. LED lighting fixtures, namely, outdoor applications of roadway, security and area lighting including pathway, parking lot, city block and corporate campus lighting	
TM00108CL	AERORLADES	Chile	11	ORD	1104802	16 Jun 2014	Registered	1027255	28 Sep 2012			Word	16 Jun 2014	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. LED lighting fixtures, namely, outdoor applications of roadway, security and area lighting including pathway, parking lot, city block and corporate campus lighting	
TM00108CN	AERORLADES	China (People's Republic)	11	ORD	1135026	21 Nov 2013	Registered	1135026	27 Sep 2012			Word	27 Sep 2012	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. LED lighting fixtures, namely, outdoor applications of roadway, security and area lighting including pathway, parking lot, city block and corporate campus lighting	
TM00108CO	AERORLADES	Colombia	11	ORD	1135626	19 Mar 2013	Registered	1135626	27 Sep 2012				19 Mar 2013	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. LED lighting fixtures, namely, outdoor applications of roadway, security and area lighting including pathway, parking lot, city block and corporate campus lighting	
TM00108EU	AERORLADES	European Union (Community)	11	ORD	1121172	28 May 2013	Registered	1121172	30 Mar 2012			Word	30 Mar 2012	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. LED lighting fixtures, namely, outdoor applications of roadway, security and area lighting including pathway, parking lot, city block and corporate campus lighting	

TMR010807	AEROBLADES	Guatemala	11	ORD	190262	29-Jul-2013	Registered	868512	28-Sep-2012		29-Jul-2013	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. LED lighting fixtures, namely, outdoor applications of roadway, security and area lighting including pathway, parking lot, city block and corporate campus lighting.
TMR010808	AEROBLADES	Hong Kong	11	ORD	30290380	24-Jun-2013	Registered	30290380	28-Sep-2012	Word	28-Sep-2012	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. LED lighting fixtures, namely, outdoor applications of roadway, security and area lighting including pathway, parking lot, city block and corporate campus lighting.
TMR010809	AEROBLADES	Israel	11	ORD	1135826	05-Mar-2014	Registered	1135826	27-Sep-2012		27-Sep-2012	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. LED lighting fixtures, namely, outdoor applications of roadway, security and area lighting including pathway, parking lot, city block and corporate campus lighting.
TMR010810	AEROBLADES	Japan	11	ORD	1135826	25-Apr-2013	Registered	1135826	27-Sep-2012		27-Sep-2012	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. LED lighting fixtures, namely, outdoor applications of roadway, security and area lighting including pathway, parking lot, city block and corporate campus lighting.
TMR010811	AEROBLADES	Korea, Republic of	11	ORD	1135826	05-Jun-2013	Registered	1135826	27-Sep-2012		27-Sep-2012	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. LED lighting fixtures, namely, outdoor applications of roadway, security and area lighting including pathway, parking lot, city block and corporate campus lighting.
TMR010812	AEROBLADES	New Zealand	11	MPIR	956681	03-Oct-2012	Registered	956681	02-Apr-2012	Word	03-Oct-2012	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. LED lighting fixtures, namely, outdoor applications of roadway, security and area lighting including pathway, parking lot, city block and corporate campus lighting.
TMR010813	AEROBLADES	Philippines	11	ORD	1135826	03-Jul-2014	Registered	1135826	27-Sep-2012		27-Sep-2012	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. LED lighting fixtures, namely, outdoor applications of roadway, security and area lighting including pathway, parking lot, city block and corporate campus lighting.
TMR010814	AEROBLADES	IRI Registration - Madrid Agreement / Protocol		ORD	1121172	30-Mar-2012	Registered	IR1121172	30-Mar-2012		30-Mar-2012	Cow, Inc.	Lighting	11 int.	11 int. LED lighting fixtures, namely, outdoor applications of roadway, security and area lighting including pathway, parking lot, city block and corporate campus lighting.
TMR010815	AEROBLADES	Russian Federation	11	ORD	1135826	06-Sep-2013	Registered	1135826	27-Sep-2012		27-Sep-2012	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. LED lighting fixtures, namely, outdoor applications of roadway, security and area lighting including pathway, parking lot, city block and corporate campus lighting.
TMR010816	AEROBLADES	Saudi Arabia	11	ORD	144030	27-May-2013	Registered		29-Sep-2012	Word	27-May-2013	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. LED lighting fixtures, namely, outdoor applications of roadway, security and area lighting including pathway, parking lot, city block and corporate campus lighting.
TMR010817	AEROBLADES	Singapore	11	ORD	1217385	23-Jan-2014	Registered	1135826	27-Sep-2012	Word	27-Sep-2012	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. LED lighting fixtures, namely, outdoor applications of roadway, security and area lighting including pathway, parking lot, city block and corporate campus lighting.
TMR010818	AEROBLADES	Thailand	11	ORD	181106557	16-Mar-2018	Registered	864555	28-Sep-2012	Word	28-Sep-2012	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. LED lighting fixtures, namely, outdoor applications of roadway, security and area lighting including pathway, parking lot, city block and corporate campus lighting.
TMR010819	AEROBLADES	Taiwan	11	ORD	01588041	01-Jul-2013	Registered	101055800	28-Sep-2012		01-Jul-2013	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. LED lighting fixtures, namely, outdoor applications of roadway, security and area lighting including pathway, parking lot, city block and corporate campus lighting.
TMR010820	AEROBLADES	United Kingdom	11	ORD	00801121172	29-Mar-2013	Registered	1121172	30-Mar-2012	Word	30-Mar-2012	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. LED lighting fixtures, namely, outdoor applications of roadway, security and area lighting including pathway, parking lot, city block and corporate campus lighting.
TMR010821	AEROBLADES	United States of America	11	PRI	4515012	15-Apr-2014	Registered	6556509	30-Mar-2012	Word	15-Apr-2014	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. LED lighting fixtures, namely, outdoor applications of roadway, security and area lighting including pathway, parking lot, city block and corporate campus lighting.
TMR010822	AEROBLADES	Venezuela		ORD	332279	11-Sep-2013	Registered	2078112	28-Sep-2012		11-Sep-2013	Cow, Inc.	Lighting	11 int.	11 int. LED lighting fixtures, namely, outdoor applications of roadway, security and area lighting including pathway, parking lot, city block and corporate campus lighting.
TMR010823	AEROBLADES	Vietnam	11	ORD	1135826	11-Dec-2013	Registered	1135826	27-Sep-2012	Word	27-Sep-2012	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. LED lighting fixtures, namely, outdoor applications of roadway, security and area lighting including pathway, parking lot, city block and corporate campus lighting.
TMR010824	AEROBLADES	South Africa	11	ORD	20125640	22-May-2014	Registered	20125640	28-Sep-2012	Word	28-Sep-2012	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. LED lighting fixtures, namely, outdoor applications of roadway, security and area lighting including pathway, parking lot, city block and corporate campus lighting.
TMR027005	AVIATOR	United States of America	11	PRI	326694	28-Aug-2007	Registered	76567090	24-Dec-2003		28-Aug-2007	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Outdoor pole mounted or wall mounted electrical parking, roadway and area lighting fixture.
TMR027006	BETA LED	United States of America	11	ORD	3692074	21-Apr-2009	Registered	77135064	29-Mar-2007	Word	21-Apr-2009	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Electrically powered lighting fixtures using light emitting diodes as the light source.
TMR027405	BETA LIGHTING & Design	United States of America	11	PRI	1768007	27-Apr-1993	Registered	74075030	02-Jul-1990	Logo	27-Apr-1993	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Electrically powered lighting fixtures and parts and accessories including lens sheets, glass sheets, photocells, wire guards, glass sheets and diffuses.
TMR02754E	BETALED	United Arab Emirates	11	ORD	335742	17-Dec-2020	Registered	335742	16-Sep-2020	14600	28-Oct-2020	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Electrically powered lighting fixtures using light emitting diodes as the light source.
TMR02754D	BETALED	Australia	11	ORD	1260209	19-Nov-2009	Registered	1260209	06-Jan-2009	Word	06-Jan-2009	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Electrically powered lighting fixtures using light emitting diodes as the light source.
TMR02758R	BETALED	Brazil	11	ORD	830476849	28-Nov-2017	Registered	830476849	12-Nov-2009		28-Nov-2017	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Electrically powered lighting fixtures using light emitting diodes as the light source.

TMR0075CA	BETALED	Canada	11	ORD	815465	12 Jan 2012	Registered	1424141	12 Jan 2009		Word	12 Jan 2012	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electrically powered lighting fixtures using light emitting diodes as the light source
TMR0075CN	BETALED	China (People's Republic)	11	MPS	1000321	14 Oct 2010	Registered	1000321	14 Apr 2009		Word	14 Apr 2009	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electrically powered lighting fixtures using light emitting diodes as the light source
TMR0075EU	BETALED	European Union (Community)	11	ORD	00750743	23 Jul 2010	Registered	00750743	08 Jun 2009		Word	08 Jun 2009	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electrically powered lighting fixtures incorporating light emitting diodes as the light source, exclusively for commercial and industrial fixtures
TMR0075GH	BETALED	Ghana	11	ORD			Pending	009252011	17 May 2011			17 May 2011	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electrically powered lighting fixtures using light emitting diodes as the light source
TMR0075GT	BETALED	Guatemala	11	ORD	183718	19 Jun 2012	Registered	832 09	03 Dec 2009			19 Jun 2012	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Apparatus for lighting, heating, steam generating, cooking, refrigerating, drying, ventilating, water supply and sanitary purposes.
TMR0075IN	BETALED	India	11	ORD	183645	07 Mar 2011	Registered	183645	08 Jul 2009			08 Jul 2009	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Apparatus for lighting, heating, steam generating, cooking, refrigerating, drying, ventilating, water supply and sanitary purposes.
TMR0075KW	BETALED	Kuwait	11	ORD	105503	02 Dec 2012	Registered	126298	27 Jul 2011			27 Jul 2011	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electrically powered lighting fixtures using light emitting diodes as the light source
TMR0075LB	BETALED	Latvian	11	ORD	135571	18 May 2011	Registered	4055	12 May 2011			18 May 2011	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electrically powered lighting fixtures using light emitting diodes as the light source
TMR0075MX	BETALED	Mexico	11	ORD	1158039	14 May 2010	Registered	1040396	13 Oct 2009			13 Oct 2009	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electrically powered lighting accessories using light emitting diodes as the light source, exclusively for lighting operated by electric current
TMR0075NZ	BETALED	New Zealand	11	ORD	801108	08 Oct 2009	Registered	801108	08 Jun 2009			08 Jun 2009	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electrically powered lighting fixtures using light emitting diodes as the light source
TMR0075PA	BETALED	Panama	11	ORD	20254801	09 Feb 2012	Registered	202548	22 Jul 2011			22 Jul 2011	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electrically powered lighting fixtures using light emitting diodes as the light source
TMR0075QT	BETALED	Qatar	11	ORD	61586	19 Jun 2012	Registered	61586	05 Apr 2010			05 Apr 2010	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electrically powered lighting fixtures using light emitting diodes as the light source
TMR0075SA	BETALED	Saudi Arabia	11	ORD	14308870	28 Sep 2012	Registered	138036	10 Jul 2011		Word	10 Jul 2011	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electrically powered lighting fixtures, using light emitting diodes as the light source
TMR0075SG	BETALED	Singapore	11	MPS	1000321	14 Apr 2009	Registered	1000321	14 Apr 2009		Word	14 Apr 2009	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electrically powered lighting fixtures using light emitting diodes as the light source
TMR0075TW	BETALED	Taiwan	11	ORD	01510905	01 Apr 2012	Registered	10002071	05 May 2011			01 Apr 2012	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electrically powered general illumination lighting fixtures for area lighting
TMR0075UK	BETALED	United Kingdom	11	ORD	0090750743	23 Jul 2010	Registered	00750743	08 Jun 2009		Word	08 Jun 2009	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electrically powered lighting fixtures incorporating light emitting diodes as the light source, exclusively for commercial and industrial fixtures
TMR0075US	BETALED	United States of America	11	PRI	3873009	25 Aug 2009	Registered	77697899	24 Mar 2009		Word	25 Aug 2009	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electrically powered lighting fixtures using light emitting diodes as the light source
TMR0075VE	BETALED	Venezuela	11	ORD	319983	26 Jul 2012	Registered	1376811	05 Aug 2011			26 Jul 2012	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electrically powered lighting fixtures using light emitting diodes as the light source
TMR0075ZA	BETALED	South Africa	11	ORD	20092801	11 Jan 2012	Registered	20092801	25 Nov 2009			25 Nov 2009	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electrically powered lighting fixtures using light emitting diodes as the light source
TMR0114AE	BETALED TECHNOLOGY & Design	United Arab Emirates	11	ORD	176943	31 Dec 2013	Registered	176943	22 Jul 2012			22 Jul 2012	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electrically powered lighting fixtures using light emitting diodes as the light source
TMR0114AR	BETALED TECHNOLOGY & Design	Argentina	11	ORD	2605660	12 Nov 2013	Registered	3178840	20 Jul 2012			12 Nov 2013	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electrically powered lighting fixtures using light emitting diodes as the light source
TMR0114AU	BETALED TECHNOLOGY & Design	Australia	11	MPS	1133397	21 Mar 2013	Registered	1133397	19 Jul 2012			21 Mar 2013	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electrically powered lighting fixtures using light emitting diodes as the light source
TMR0114BR	BETALED TECHNOLOGY & Design	Bahrain	11	MPS	1133397	08 Nov 2012	Registered	1133397	19 Jul 2012		Logo	19 Jul 2012	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electrically powered lighting fixtures using light emitting diodes as the light source
TMR0114BR	BETALED TECHNOLOGY & Design	Brazil	11	ORD	905049083	05 Dec 2017	Registered	905049083	19 Jul 2012			05 Dec 2017	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electrically powered lighting fixtures using light emitting diodes as the light source

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TMR01143A	BETALED TECHNOLOGY & Design	Canada	11	ORD	893285	06-Jan-2015	Registered	1586882	19-Jul-2012			06-Jan-2015	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electrically powered lighting fixtures using light emitting diodes as a light source.
TMR01143H	BETALED TECHNOLOGY & Design	Switzerland	11	MPP	1133397	17-Jan-2014	Registered	1133397	19-Jul-2012		Logo	19-Jul-2012	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electrically powered lighting fixtures using light emitting diodes as the light source.
TMR01143L	BETALED TECHNOLOGY & Design	Chile	11	ORD	1099253	21-Jan-2014	Registered	1017320	19-Jul-2012			21-Jan-2014	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electrically powered lighting fixtures using light emitting diodes as the light source.
TMR01143N	BETALED TECHNOLOGY & Design	China (People's Republic)	11	MPP	1133397	24-Feb-2016	Registered	1133397	19-Jul-2012		Logo	19-Jul-2012	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electrically powered lighting fixtures using light emitting diodes as the light source.
TMR01143O	BETALED TECHNOLOGY & Design	Colombia	11	ORD	460661	26-Apr-2013	Registered	12121943	19-Jul-2012		Logo	26-Apr-2013	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electrically powered lighting fixtures using light emitting diodes as the light source.
TMR01143D	BETALED TECHNOLOGY & Design	Dominican Republic	11	ORD	200318	18-Dec-2012	Registered	201218082	18-Jul-2012			18-Dec-2012	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electrically powered lighting fixtures using light emitting diodes as the light source.
TMR01143U	BETALED TECHNOLOGY & Design	European Union (Community)	11	MPP	1133397	06-Sep-2013	Registered	1133397	19-Jul-2012		Logo	19-Jul-2012	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electrically powered lighting fixtures using light emitting diodes as the light source.
TMR01143V	BETALED TECHNOLOGY & Design	Ghana	11	MPP	1133397	01-May-2014	Registered	1133397	19-Jul-2012			19-Jul-2012	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electrically powered lighting fixtures using light emitting diodes as the light source.
TMR01143T	BETALED TECHNOLOGY & Design	Guatemala	11	ORD	187557	04-Mar-2013	Registered	85500656	19-Jul-2012			04-Mar-2013	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electrically powered lighting fixtures using light emitting diodes as the light source.
TMR01143K	BETALED TECHNOLOGY & Design	Hong Kong	11	ORD	302321108	05-Apr-2013	Registered	302321108	20-Jul-2012			20-Jul-2012	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electrically powered lighting fixtures using light emitting diodes as the light source.
TMR01143B	BETALED TECHNOLOGY & Design	Indonesia	11	ORD	000454756	06-Feb-2015	Registered	002012041750	04-Sep-2012			04-Sep-2012	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electrically powered lighting fixtures using light emitting diodes as the light source.
TMR01143I	BETALED TECHNOLOGY & Design	Israel	11	MPP	1133397	03-Apr-2014	Registered	1133397	19-Jul-2012		Logo	19-Jul-2012	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electrically powered lighting fixtures using light emitting diodes as the light source.
TMR01143M	BETALED TECHNOLOGY & Design	India	11	ORD	2375802	19-Sep-2018	Registered	2375802	07-Aug-2012			19-Sep-2018	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electrically powered lighting fixtures using light emitting diodes as the light source.
TMR01143J	BETALED TECHNOLOGY & Design	Jordan	11	ORD	125216	23-Jul-2014	Registered	125216	23-Jul-2012			23-Jul-2012	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electrically powered lighting fixtures using light emitting diodes as the light source.
TMR01143P	BETALED TECHNOLOGY & Design	Japan	11	MPP	1133397	05-Jul-2013	Registered	1133397	19-Jul-2012		Logo	19-Jul-2012	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electrically powered lighting fixtures using light emitting diodes as the light source.
TMR01143R	BETALED TECHNOLOGY & Design	Korea, Republic of	11	MPP	1133397	04-Jun-2013	Registered	1133397	19-Jul-2012		Logo	19-Jul-2012	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electrically powered lighting fixtures using light emitting diodes as the light source.
TMR01143X	BETALED TECHNOLOGY & Design	Mexico	11	ORD	1332943	19-Jul-2012	Registered	1293485	19-Jul-2012			19-Jul-2012	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electrically powered lighting fixtures using light emitting diodes as the light source.
TMR01143Y	BETALED TECHNOLOGY & Design	Malaysia	11	ORD	201013018	31-Jul-2012	Registered	201013018	31-Jul-2012			31-Jul-2012	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electrically powered lighting fixtures using light emitting diodes as the light source.
TMR01143W	BETALED TECHNOLOGY & Design	Norway	11	MPP	1133397	14-Jun-2013	Registered	1133397	19-Jul-2012		Logo	19-Jul-2012	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electrically powered lighting fixtures using light emitting diodes as the light source.
TMR01143Z	BETALED TECHNOLOGY & Design	New Zealand	11	ORD	962445	23-Jan-2013	Registered	962445	20-Jul-2012			20-Jul-2012	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electrically powered lighting fixtures using light emitting diodes as the light source.
TMR01143M	BETALED TECHNOLOGY & Design	Oman	11	MPP	1133397	01-Nov-2012	Registered	1133397	19-Jul-2012		Logo	19-Jul-2012	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electrically powered lighting fixtures using light emitting diodes as the light source.
TMR01143A	BETALED TECHNOLOGY & Design	Panama	11	ORD	21465101	20-Feb-2013	Registered	21465101	19-Jul-2012			19-Jul-2012	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electrically powered lighting fixtures using light emitting diodes as the light source.
TMR01143H	BETALED TECHNOLOGY & Design	Philippines	11	ORD	4201250274	31-Oct-2013	Registered	4201250274	10-Aug-2012			31-Oct-2013	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electrically powered lighting fixtures using light emitting diodes as the light source.
TMR01143M	BETALED TECHNOLOGY & Design	WIPO Registration - Madrid Agreement / Protocol	ORD	1133397	19-Jul-2012	Registered	IR1133397	19-Jul-2012				19-Jul-2012	Cree, Inc.	Lighting	11 Int.	11 Int. Electrically powered lighting fixtures using light emitting diodes as the light source.

TMR01148U	BETALED TECHNOLOGY & Design	Russian Federation	11	MPR	1133397	22 Apr 2014	Registered	1133397	19-Jul-2012		Logo	19-Jul-2012	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electrically powered lighting fixtures using light emitting diodes as the light source
TMR01145G	BETALED TECHNOLOGY & Design	Singapore	11	MPR	1216590	05 Jun 2013	Registered	1133397	19-Jul-2012		Logo	05 Jun 2013	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electrically powered lighting fixtures using light emitting diodes as the light source
TMR01147H	BETALED TECHNOLOGY & Design	Thailand	11	ORD	16110394	13 Sep 2016	Registered	855201	19-Jul-2012			19-Jul-2012	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electrically powered lighting fixtures using light emitting diodes as the light source
TMR01147R	BETALED TECHNOLOGY & Design	Turkey	11	MPR	1133397	10 Feb 2014	Registered	1133397	19-Jul-2012		Logo	19-Jul-2012	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electrically powered lighting fixtures using light emitting diodes as the light source
TMR01147W	BETALED TECHNOLOGY & Design	Taiwan	11	ORD	0157576	16 Apr 2013	Registered	10194078	20-Jul-2012			16 Apr 2013	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electrically powered lighting fixtures using light emitting diodes as the light source
TMR01148A	BETALED TECHNOLOGY & Design	Ukraine	11	MPR	1133397	13 Nov 2013	Registered	1133397	19-Jul-2012		Logo	19-Jul-2012	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electrically powered lighting fixtures using light emitting diodes as the light source
TMR01148K	BETALED TECHNOLOGY & Design	United Kingdom	11	MPR	0881133397	06 Sep 2013	Registered	1133397	19-Jul-2012		Logo	19-Jul-2012	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electrically powered lighting fixtures using light emitting diodes as the light source
TMR01148U	BETALED TECHNOLOGY & Design	United States of America	11	PRI	4289645	01 Jan 2013	Registered	85520656	19-Jan-2012		Logo	01 Jan 2013	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electrically powered lighting fixtures using light emitting diodes as the light source
TMR01148V	BETALED TECHNOLOGY & Design	Virgin Islands (British)	11	ORD	5664	08 Dec 2012	Registered	5664	29-Aug-2012			29-Aug-2012	IDEAL Industries Lighting LLC	Lighting	08 Nat.	08 Nat. Electrically powered lighting fixtures using light emitting diodes as the light source
TMR01149N	BETALED TECHNOLOGY & Design	Vietnam	11	MPR	1133397	19-Jul-2012	Registered	1133397	19-Jul-2012		Logo	19-Jul-2012	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electrically powered lighting fixtures using light emitting diodes as the light source
TMR0114DA	BETALED TECHNOLOGY & Design	South Africa	11	ORD	201219705	24 Dec 2012	Registered	201219705	20-Jul-2012			20-Jul-2012	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electrically powered lighting fixtures using light emitting diodes as the light source
TM00198AE	CADIANT	United Arab Emirates	11	ORD	310729	05 Sep 2019	Registered	310729	08 May 2019	31 Jul 2019	Word	05 Sep 2019	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. LED lighting fixtures, simulated skylight fixtures, indoor LED lighting apparatus simulating natural outdoor lighting conditions
TM00198AR	CADIANT	Argentina	11	ORD	3063163	17 Mar 2020	Registered	3786269	03 May 2019	08 Nov 2019	Word	17 Mar 2020	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. LED lighting fixtures, simulated skylight fixtures, indoor LED lighting apparatus simulating natural outdoor lighting conditions
TM00198AU	CADIANT	Australia	11	ORD	1471846	17 Dec 2019	Registered	1471846	30 Apr 2019	10 Oct 2019	Word	17 Dec 2019	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. LED lighting fixtures, simulated skylight fixtures, indoor LED lighting apparatus simulating natural outdoor lighting conditions
TM00198BR	CADIANT	Brazil	11	ORD	917231001	31 Mar 2020	Registered	917231001	02 May 2019			31 Mar 2020	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. LED lighting fixtures, simulated skylight fixtures, indoor LED lighting apparatus simulating natural outdoor lighting conditions
TM00198CA	CADIANT	Canada	11	ORD			Published	1960067	30 Apr 2019	18 Jun 2019	Word	18 Jun 2019	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. LED lighting fixtures, simulated skylight fixtures, indoor LED lighting apparatus simulating natural outdoor lighting conditions
TM00198CN	CADIANT	China (People's Republic)	11	OPD	1471846	25 Jul 2019	Registered	1471846	30 Apr 2019		Word	25 Jul 2019	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. LED lighting fixtures, simulated skylight fixtures, indoor LED lighting apparatus simulating natural outdoor lighting conditions
TM00198CO	CADIANT	Colombia	11	ORD	1471846	27 Apr 2020	Registered	1471846	30 Apr 2019		Word	27 Apr 2020	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. LED lighting fixtures, simulated skylight fixtures, indoor LED lighting apparatus simulating natural outdoor lighting conditions
TM00198CR	CADIANT	Costa Rica	11	ORD	284475	25 Nov 2019	Registered	2019003968	08 May 2019		Word	25 Nov 2019	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. LED lighting fixtures, simulated skylight fixtures, indoor LED lighting apparatus simulating natural outdoor lighting conditions
TM00198DO	CADIANT	Dominican Republic	11	ORD	281281	30 Aug 2019	Registered	201918352	01 May 2019	15 Jul 2019	Word	30 Aug 2019	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. LED lighting fixtures, simulated skylight fixtures, indoor LED lighting apparatus simulating natural outdoor lighting conditions
TM00198EC	CADIANT	Ecuador	11	ORD	20215558	26 Jul 2019	Registered	210931004	02 May 2019		Word	26 Jul 2019	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. LED lighting fixtures, simulated skylight fixtures, indoor LED lighting apparatus simulating natural outdoor lighting conditions
TM00198EU	CADIANT	European Union (Community)	11	ORD	1471846	15 Nov 2019	Registered	1471846	30 Apr 2019	14 Jun 2019	Word	15 Nov 2019	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. LED lighting fixtures, simulated skylight fixtures, indoor LED lighting apparatus simulating natural outdoor lighting conditions
TM00198GF	CADIANT	Guatemala	11	ORD	255060	13 Jan 2021	Registered	2019003914	01 May 2019		Word	13 Jan 2021	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. LED lighting fixtures, simulated skylight fixtures, indoor LED lighting apparatus simulating natural outdoor lighting conditions
TM00198HK	CADIANT	Hong Kong	11	ORD	304910832	10 Oct 2019	Registered	304910832	02 May 2019	21 Jun 2019	Word	10 Oct 2019	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. LED lighting fixtures, simulated skylight fixtures, indoor LED lighting apparatus simulating natural outdoor lighting conditions

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TM001994H	CADIANT	Honduras	11	ORD	155369	24 Aug 2020	Registered	18797019	06 May 2019		Word	24 Aug 2020	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. LED lighting fixtures, simulated skylight fixtures; indoor LED lighting apparatus simulating natural outdoor lighting conditions	CADIANT
TM001994M	CADIANT	Jamaica	11	ORD	7752	07 Apr 2020	Registered	07752	01 May 2019		Word	07 Apr 2020	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. LED lighting fixtures, simulated skylight fixtures; indoor LED lighting apparatus simulating natural outdoor lighting conditions	CADIANT
TM001994R	CADIANT	Korea, Republic of	11	ORD	1471846	19 Aug 2020	Registered	1471846	30 Apr 2019		Word	30 Apr 2019	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. LED lighting fixtures, simulated skylight fixtures; indoor LED lighting apparatus simulating natural outdoor lighting conditions	CADIANT
TM001994A	CADIANT	Morocco	11	ORD	1471846	13 Jun 2019	Registered	1471846	30 Apr 2019		Word	30 Apr 2019	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. LED lighting fixtures, simulated skylight fixtures; indoor LED lighting apparatus simulating natural outdoor lighting conditions	CADIANT
TM001994X	CADIANT	Mexico	11	ORD	2090700	30 Oct 2020	Registered	1471846	30 Apr 2019		Word	30 Oct 2020	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. LED lighting fixtures, simulated skylight fixtures; indoor LED lighting apparatus simulating natural outdoor lighting conditions	CADIANT
TM001994Z	CADIANT	New Zealand	11	ORD	112955	01 Nov 2019	Registered	1471846	30 Apr 2019		Word	26 Jul 2019	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. LED lighting fixtures, simulated skylight fixtures; indoor LED lighting apparatus simulating natural outdoor lighting conditions	CADIANT
TM001994F	CADIANT	Panama	11	ORD	2733601	02 May 2019	Registered	2733601	02 May 2019		Word	02 May 2019	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. LED lighting fixtures, simulated skylight fixtures; indoor LED lighting apparatus simulating natural outdoor lighting conditions	CADIANT
TM001995G	CADIANT	Singapore	11	ORD	1471846	21 Nov 2019	Registered	1471846	30 Apr 2019		Word	13 Sep 2019	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. LED lighting fixtures, simulated skylight fixtures; indoor LED lighting apparatus simulating natural outdoor lighting conditions	CADIANT
TM001994K	CADIANT	United Kingdom	11	ORD	1471846	29 Aug 2019	Registered	1471846	30 Apr 2019		Word	28 Aug 2019	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. LED lighting fixtures, simulated skylight fixtures; indoor LED lighting apparatus simulating natural outdoor lighting conditions	CADIANT
TM001995V	CADIANT	United States of America	11	PRI	614832	08 Sep 2020	Registered	86237122	29 Dec 2018		Word	30 Apr 2019	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. LED lighting fixtures, simulated skylight fixtures; indoor LED lighting apparatus simulating natural outdoor lighting conditions	CADIANT
TM001992A	CADIANT	South Africa	11	ORD			Pending	201912143	02 May 2019		Word	02 May 2019	Clw, Inc.	Lighting	11 int.	11 int. LED lighting fixtures, simulated skylight fixtures; indoor LED lighting apparatus simulating natural outdoor lighting conditions	CADIANT
TM00181AE3	C LIFE & Design Horizontal (No tag)(B&W Block)	United Arab Emirates	11	ORD	282550	14 Jun 2018	Registered	282550	08 Nov 2017			08 Nov 2017	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Apparatus for lighting, heating, steam generating, cooking, refrigerating, drying, ventilating, water supply and sanitary purposes.	
TM00181AR3	C LIFE & Design Horizontal (No tag)(B&W Block)	Argentina	11	ORD	305102	14 Feb 2022	Registered	3058661	08 Nov 2017			14 Feb 2022	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Apparatus for lighting, heating, steam generating, cooking, refrigerating, drying, ventilating, water supply and sanitary purposes.	
TM00181BR3	C LIFE & Design Horizontal (No tag)(B&W Block)	Brazil	11	ORD	91369136	05 Feb 2019	Registered	91369136	08 Nov 2017			05 Feb 2019	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Apparatus for lighting, heating, steam generating, cooking, refrigerating, drying, ventilating, water supply and sanitary purposes.	
TM00181CA3	C LIFE & Design Horizontal (No tag)(B&W Block)	Canada	11	ORD	1115334	07 Dec 2021	Registered	1666487	06 Nov 2017	0068 no.3485 page60		11 Aug 2021	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Apparatus for lighting, heating, steam generating, cooking, refrigerating, drying, ventilating, water supply and sanitary purposes.	
TM00181CH3	C LIFE & Design Horizontal (No tag)(B&W Block)	Switzerland	11	MPI	1403877	12 Mar 2019	Registered	1403877	08 Nov 2017		Logo	12 Mar 2019	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Apparatus for lighting, heating, steam generating, cooking, refrigerating, drying, ventilating, water supply and sanitary purposes.	
TM00181DL3	C LIFE & Design Horizontal (No tag)(B&W Block)	Chile	11	ORD	1279410	03 Aug 2018	Registered	1271493	07 Nov 2017		Logo	03 Aug 2018	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Apparatus for lighting, heating, steam generating, cooking, refrigerating, drying, ventilating, water supply and sanitary purposes.	
TM00181CO3	C LIFE & Design Horizontal (No tag)(B&W Block)	Colombia	11	MPI	637389	10 Jan 2020	Registered	1403877	08 Nov 2017		Logo	10 Jan 2020	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Apparatus for lighting, heating, steam generating, cooking, refrigerating, drying, ventilating, water supply and sanitary purposes.	
TM00181CR3	C LIFE & Design Horizontal (No tag)(B&W Block)	Costa Rica	11	ORD	277553	19 Feb 2019	Registered	2017010972	08 Nov 2017			19 Feb 2019	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Apparatus for lighting, heating, steam generating, cooking, refrigerating, drying, ventilating, water supply and sanitary purposes.	
TM00181DO3	C LIFE & Design Horizontal (No tag)(B&W Block)	Dominican Republic	11	ORD	246556	03 Apr 2018	Registered	201742214	08 Nov 2017			03 Apr 2018	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Apparatus for lighting, heating, steam generating, cooking, refrigerating, drying, ventilating, water supply and sanitary purposes.	
TM00181EU3	C LIFE & Design Horizontal (No tag)(B&W Block)	European Union (Community)	11	MPI	1403877	26 Oct 2018	Registered	1403877	08 Nov 2017			15 Nov 2018	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Apparatus for lighting, heating, steam generating, cooking, refrigerating, drying, ventilating, water supply and sanitary purposes.	
TM00181GB3	C LIFE & Design Horizontal (No tag)(B&W Block)	United Kingdom	11	MPI	00801403877	28 Oct 2018	Registered	00801403877	08 Nov 2017		Logo	27 Sep 2018	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Apparatus for lighting, heating, steam generating, cooking, refrigerating, drying, ventilating, water supply and sanitary purposes.	
TM00181GT3	C LIFE & Design Horizontal (No tag)(B&W Block)	Guatemala	11	ORD	237765	08 Nov 2018	Registered	2017010316	07 Nov 2017			08 Nov 2018	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Apparatus for lighting, heating, steam generating, cooking, refrigerating, drying, ventilating, water supply and sanitary purposes.	
TM00181HK3	C LIFE & Design Horizontal (No tag)(B&W Block)	Hong Kong	11	ORD	304327858	20 Mar 2018	Registered	304327858	08 Nov 2017			08 Nov 2017	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Apparatus for lighting, heating, steam generating, cooking, refrigerating, drying, ventilating, water supply and sanitary purposes.	

TM00181D3	C LITE & Design (Horizontal)(no tag)(B&W Block)	Indonesia	11	ORD			Pending	052017055269	08 Nov 2017					07 Dec 2017	IDEAL Industries Lighting LLC	Lighting	11 lit.	11 lit. Apparatus for lighting, heating, steam generating, cooking, refrigerating, drying, ventilating, water supply and sanitary purposes.
TM00181E3	C LITE & Design (Horizontal)(no tag)(B&W Block)	Israel	11	MPP	1403877	02 May 2019	Registered	1403877	08 Nov 2017		Logo	02 May 2019	IDEAL Industries Lighting LLC	Lighting	11 lit.	11 lit. Apparatus for lighting, heating, steam generating, cooking, refrigerating, drying, ventilating, water supply and sanitary purposes.		
TM00181M3	C LITE & Design (Horizontal)(no tag)(B&W Block)	Jamaica	11	ORD	73698	12 Sep 2018	Registered	73698	08 Nov 2017			12 Sep 2018	IDEAL Industries Lighting LLC	Lighting	11 lit.	11 lit. Apparatus for lighting, heating, steam generating, cooking, refrigerating, drying, ventilating, water supply and sanitary purposes.		
TM00181R3	C LITE & Design (Horizontal)(no tag)(B&W Block)	Korea, Republic of	11	MPP	1403877	07 Oct 2019	Registered	1403877	08 Nov 2017		19 Jul 2019	07 Oct 2019	IDEAL Industries Lighting LLC	Lighting	11 lit.	11 lit. Apparatus for lighting, heating, steam generating, cooking, refrigerating, drying, ventilating, water supply and sanitary purposes.		
TM00181M3	C LITE & Design (Horizontal)(no tag)(B&W Block)	Mexico	11	MPP	2079069	30 Jan 2020	Registered	2052037	08 Nov 2017		Logo	08 Nov 2017	IDEAL Industries Lighting LLC	Lighting	11 lit.	11 lit. Apparatus for lighting, heating, steam generating, cooking, refrigerating, drying, ventilating, water supply and sanitary purposes.		
TM00181M3	C LITE & Design (Horizontal)(no tag)(B&W Block)	Malaysia	11	ORD			Pending	2017012410	08 Nov 2017			08 Nov 2017	IDEAL Industries Lighting LLC	Lighting	11 lit.	11 lit. Apparatus for lighting, heating, steam generating, cooking, refrigerating, drying, ventilating, water supply and sanitary purposes.		
TM00181N3	C LITE & Design (Horizontal)(no tag)(B&W Block)	Norway	11	MPP	1403877	07 Jun 2019	Registered	1403877	08 Nov 2017		Logo	07 Jun 2019	IDEAL Industries Lighting LLC	Lighting	11 lit.	11 lit. Apparatus for lighting, heating, steam generating, cooking, refrigerating, drying, ventilating, water supply and sanitary purposes.		
TM00181N3	C LITE & Design (Horizontal)(no tag)(B&W Block)	New Zealand	11	MPP	109749	02 Oct 2019	Registered	1403877	08 Nov 2017		Logo	02 Oct 2019	IDEAL Industries Lighting LLC	Lighting	11 lit.	11 lit. Apparatus for lighting, heating, steam generating, cooking, refrigerating, drying, ventilating, water supply and sanitary purposes.		
TM00181P3	C LITE & Design (Horizontal)(no tag)(B&W Block)	Palau	11	ORD	2621991	08 Nov 2017	Registered	2621991	08 Nov 2017			29 Jun 2018	IDEAL Industries Lighting LLC	Lighting	11 lit.	11 lit. Apparatus for lighting, heating, steam generating, cooking, refrigerating, drying, ventilating, water supply and sanitary purposes.		
TM00181P3	C LITE & Design (Horizontal)(no tag)(B&W Block)	Paraguay	11	ORD	262493	13 Mar 2018	Registered	7289142017	07 Nov 2017			13 Mar 2018	IDEAL Industries Lighting LLC	Lighting	11 lit.	11 lit. Apparatus for lighting, heating, steam generating, cooking, refrigerating, drying, ventilating, water supply and sanitary purposes.		
TM00181P3	C LITE & Design (Horizontal)(no tag)(B&W Block)	Philippines	11	MPP	1403877	06 Jun 2019	Registered	1403877	08 Nov 2017		Logo	06 Jun 2019	IDEAL Industries Lighting LLC	Lighting	11 lit.	11 lit. Apparatus for lighting, heating, steam generating, cooking, refrigerating, drying, ventilating, water supply and sanitary purposes.		
TM00181P3	C LITE & Design (Horizontal)(no tag)(B&W Block)	IRE Registration - Madrid Agreement / Protocol		ORD	1403877	24 May 2018	Registered	IR1403877	08 Nov 2017			24 May 2018	Cow, Inc.	Lighting	11 lit.	11 lit. Apparatus for lighting, heating, steam generating, cooking, refrigerating, drying, ventilating, water supply and sanitary purposes.		
TM00181R3	C LITE & Design (Horizontal)(no tag)(B&W Block)	Russian Federation	11	MPP	1403877	10 Dec 2018	Registered	1403877	08 Nov 2017		Logo	10 Dec 2018	IDEAL Industries Lighting LLC	Lighting	11 lit.	11 lit. Apparatus for lighting, heating, steam generating, cooking, refrigerating, drying, ventilating, water supply and sanitary purposes.		
TM00181S3	C LITE & Design (Horizontal)(no tag)(B&W Block)	Saudi Arabia	11	ORD	149904431	29 Mar 2018	Registered	12261	08 Nov 2017			17 Jul 2017	IDEAL Industries Lighting LLC	Lighting	11 lit.	11 lit. Apparatus for lighting, heating, steam generating, cooking, refrigerating, drying, ventilating, water supply and sanitary purposes.		
TM00181S3	C LITE & Design (Horizontal)(no tag)(B&W Block)	Singapore	11	MPP	4021820917	15 Nov 2018	Registered	1403877	08 Nov 2017		Logo	15 Nov 2018	IDEAL Industries Lighting LLC	Lighting	11 lit.	11 lit. Apparatus for lighting, heating, steam generating, cooking, refrigerating, drying, ventilating, water supply and sanitary purposes.		
TM00181T3	C LITE & Design (Horizontal)(no tag)(B&W Block)	Thailand	11	ORD			Pending	170139325	08 Nov 2017			08 Nov 2017	IDEAL Industries Lighting LLC	Lighting	11 lit.	11 lit. Apparatus for lighting, heating, steam generating, cooking, refrigerating, drying, ventilating, water supply and sanitary purposes.		
TM00181T3	C LITE & Design (Horizontal)(no tag)(B&W Block)	Turkey	11	MPP	1403877	24 Jan 2019	Registered	1403877	08 Nov 2017		Logo	24 Jan 2019	IDEAL Industries Lighting LLC	Lighting	11 lit.	11 lit. Apparatus for lighting, heating, steam generating, cooking, refrigerating, drying, ventilating, water supply and sanitary purposes.		
TM00181T3	C LITE & Design (Horizontal)(no tag)(B&W Block)	Trinidad and Tobago	11	ORD	53378	07 May 2021	Registered	53378	07 Nov 2017			07 May 2021	IDEAL Industries Lighting LLC	Lighting	11 lit.	11 lit. Apparatus for lighting, heating, steam generating, cooking, refrigerating, drying, ventilating, water supply and sanitary purposes.		
TM00181T3	C LITE & Design (Horizontal)(no tag)(B&W Block)	Taiwan	11	ORD	0193592	16 Sep 2018	Registered	106070309	08 Nov 2017			16 Sep 2018	IDEAL Industries Lighting LLC	Lighting	11 lit.	11 lit. Apparatus for lighting, heating, steam generating, cooking, refrigerating, drying, ventilating, water supply and sanitary purposes.		
TM00181U3	C LITE & Design (Horizontal)(no tag)(B&W Block)	United States of America	11	PRI	5576735	02 Oct 2018	Registered	87441272	08 May 2017		Logo	02 Oct 2018	IDEAL Industries Lighting LLC	Lighting	11 lit.	11 lit. Apparatus for lighting, heating, steam generating, cooking, refrigerating, drying, ventilating, water supply and sanitary purposes.		
TM00181Z3	C LITE & Design (Horizontal)(no tag)(B&W Block)	South Africa	11	ORD	201732437	02 Dec 2020	Registered	201732437	07 Nov 2017			02 Dec 2020	IDEAL Industries Lighting LLC	Lighting	11 lit.	11 lit. Apparatus for lighting, heating, steam generating, cooking, refrigerating, drying, ventilating, water supply and sanitary purposes.		
TM00181CN1	C LITE & Design (Horizontal)(no tag)(B&W)	China (People's Republic)	11	PRI			Pending	44396265	05 Mar 2020			05 Mar 2020	IDEAL Industries Lighting LLC	Lighting	11 lit.	11 lit. Apparatus for lighting, heating, steam generating, cooking, refrigerating, drying, ventilating, water supply and sanitary purposes.		
TM00181U3	C LITE & Design (Horizontal)(no tag)(B&W)	United States of America	11	PRI	5576738	02 Oct 2018	Registered	87441852	08 May 2017			02 Oct 2018	IDEAL Industries Lighting LLC	Lighting	11 lit.	11 lit. Apparatus for lighting, heating, steam generating, cooking, refrigerating, drying, ventilating, water supply and sanitary purposes.		
TM00181CN1	C LITE & Design (Horizontal)(no tag)(B&W) 3d Flag	China (People's Republic)	11	PRI			Pending	56282008	06 Aug 2021			05 Mar 2020	IDEAL Industries Lighting LLC	Lighting	11 lit.	11 lit. Apparatus for lighting, heating, steam generating, cooking, refrigerating, drying, ventilating, water supply and sanitary purposes.		



TM00181CNG	C LITE & Design (horizontal/no tag)(B&W) New Filing	China (People's Republic)	11	PRI			Published	56282008	06 Aug 2021	1827	13 Feb 2023	Trademark	13 Feb 2023	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Apparatus for lighting, heating, steam generating, cooking, refrigerating, drying, ventilating, water supply and sanitary purposes.
TM00181U52	C LITE & Design (horizontal/no tag)(Color)	United States of America	11	PRI	5576734	02 Oct 2019	Registered	87441252	09 May 2017		Logo	02 Oct 2018	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Apparatus for lighting, heating, steam generating, cooking, refrigerating, drying, ventilating, water supply and sanitary purposes.	
TM00179AE	C LITE & Design (vertical/no tag)(B&W)	United Arab Emirates	11	ORD	282549	14 Jun 2018	Registered	282549	08 Nov 2017			08 Nov 2017	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Apparatus for lighting, heating, steam generating, cooking, refrigerating, drying, ventilating, water supply and sanitary purposes.	
TM00179AR	C LITE & Design (vertical/no tag)(B&W)	Argentina	11	ORD	326103	14 Feb 2022	Registered	3658662	08 Nov 2017			14 Feb 2022	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Apparatus for lighting, heating, steam generating, cooking, refrigerating, drying, ventilating, water supply and sanitary purposes.	
TM00179BR	C LITE & Design (vertical/no tag)(B&W)	Brazil	11	ORD	913691445	05 Feb 2019	Registered	913691445	08 Nov 2017			05 Feb 2019	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Apparatus for lighting, heating, steam generating, cooking, refrigerating, drying, ventilating, water supply and sanitary purposes.	
TM00179CA	C LITE & Design (vertical/no tag)(B&W)	Canada	11	PRI			Pending	1866494	08 Nov 2017		Logo	08 Nov 2017	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Apparatus for lighting, heating, steam generating, cooking, refrigerating, drying, ventilating, water supply and sanitary purposes.	
TM00179CH	C LITE & Design (vertical/no tag)(B&W)	Switzerland	11	MPI	1393358	23 Jun 2019	Registered	1393358	08 Nov 2017		Logo	13 Oct 2018	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Apparatus for lighting, heating, steam generating, cooking, refrigerating, drying, ventilating, water supply and sanitary purposes.	
TM00179CL	C LITE & Design (vertical/no tag)(B&W)	Chile	11	ORD	1279411	03 Aug 2018	Registered	1271495	07 Nov 2017			03 Aug 2018	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Apparatus for lighting, heating, steam generating, cooking, refrigerating, drying, ventilating, water supply and sanitary purposes.	
TM00179CO	C LITE & Design (vertical/no tag)(B&W)	Colombia	11	MPI	1393358	13 Oct 2018	Registered	1393358	08 Nov 2017		Logo	13 Oct 2018	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Apparatus for lighting, heating, steam generating, cooking, refrigerating, drying, ventilating, water supply and sanitary purposes.	
TM00179CR	C LITE & Design (vertical/no tag)(B&W)	Costa Rica	11	ORD	27251	09 Jul 2018	Registered	2017001975	08 Nov 2017			09 Jul 2018	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Indoor and outdoor electrical lighting fixtures, including lighting fixtures using light emitting diodes as the light source, LED lamps, indoor lighting accessories, namely, downlights, lighting sockets, lighting tracks, surface mounted lighting fixtures, all of the foregoing for use in residential, commercial, professional and industrial applications; outdoor lighting apparatus, namely, canopy lighting fixtures, lighting fixtures for use in parking lots, decks, outdoor lighting apparatus, flood lighting apparatus, lighting apparatus.	
TM00179D	C LITE & Design (vertical/no tag)(B&W)	Dominican Republic	11	ORD	248555	03 Apr 2019	Registered	201740213	07 Nov 2017			03 Apr 2019	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Apparatus for lighting, heating, steam generating, cooking, refrigerating, drying, ventilating, water supply and sanitary purposes.	
TM00179EU	C LITE & Design (vertical/no tag)(B&W)	European Union (Community)	11	MPI	1393358	17 Jul 2018	Registered	1393358	08 Nov 2017		Logo	13 Oct 2018	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Apparatus for lighting, heating, steam generating, cooking, refrigerating, drying, ventilating, water supply and sanitary purposes.	
TM00179GB	C LITE & Design (vertical/no tag)(B&W)	United Kingdom	11	MPI	00801389358	17 Jul 2018	Registered	00801389358	08 Nov 2017		Logo	13 Oct 2018	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Apparatus for lighting, heating, steam generating, cooking, refrigerating, drying, ventilating, water supply and sanitary purposes.	
TM00179G	C LITE & Design (vertical/no tag)(B&W)	Guatemala	11	ORD	23745	08 Nov 2018	Registered	2017010317	07 Nov 2017			08 Nov 2018	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Apparatus for lighting, heating, steam generating, cooking, refrigerating, drying, ventilating, water supply and sanitary purposes.	
TM00179HK	C LITE & Design (vertical/no tag)(B&W)	Hong Kong	11	ORD	304327949	20 Mar 2018	Registered	304327949	08 Nov 2017			08 Nov 2017	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Apparatus for lighting, heating, steam generating, cooking, refrigerating, drying, ventilating, water supply and sanitary purposes.	
TM00179ID	C LITE & Design (vertical/no tag)(B&W)	Indonesia	11	ORD			Pending	002017056055	08 Nov 2017			08 Nov 2017	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Apparatus for lighting, heating, steam generating, cooking, refrigerating, drying, ventilating, water supply and sanitary purposes.	
TM00179IL	C LITE & Design (vertical/no tag)(B&W)	Israel	11	MPI	1393358	05 Feb 2019	Registered	1393358	08 Nov 2017		Logo	13 Oct 2018	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Apparatus for lighting, heating, steam generating, cooking, refrigerating, drying, ventilating, water supply and sanitary purposes.	
TM00179JM	C LITE & Design (vertical/no tag)(B&W)	Jamaica	11	ORD	72697	08 Nov 2017	Registered	72697	08 Nov 2017			08 Nov 2017	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Apparatus for lighting, heating, steam generating, cooking, refrigerating, drying, ventilating, water supply and sanitary purposes.	
TM00179KR	C LITE & Design (vertical/no tag)(B&W)	Korea, Republic of	11	ORD	1393358	15 Nov 2019	Registered	1393358	08 Nov 2017			08 Nov 2017	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Apparatus for lighting, heating, steam generating, cooking, refrigerating, drying, ventilating, water supply and sanitary purposes.	
TM00179MX	C LITE & Design (vertical/no tag)(B&W)	Mexico	11	MPI	2101579	27 Jul 2020	Registered	1393358	08 Nov 2017			27 Jun 2020	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Apparatus for lighting, heating, steam generating, cooking, refrigerating, drying, ventilating, water supply and sanitary purposes.	
TM00179MZ	C LITE & Design (vertical/no tag)(B&W)	Mozambique	11	MPI	1393358		Registered	1393358	08 Nov 2017		Logo	13 Oct 2018	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Apparatus for lighting, heating, steam generating, cooking, refrigerating, drying, ventilating, water supply and sanitary purposes.	
TM00179MY	C LITE & Design (vertical/no tag)(B&W)	Malaysia	11	ORD			Pending	2017010411	08 Nov 2017			08 Nov 2017	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Apparatus for lighting, heating, steam generating, cooking, refrigerating, drying, ventilating, water supply and sanitary purposes.	
TM00179NO	C LITE & Design (vertical/no tag)(B&W)	Norway	11	MPI	1393358	01 Feb 2019	Registered	1393358	08 Nov 2017		Logo	13 Oct 2018	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Apparatus for lighting, heating, steam generating, cooking, refrigerating, drying, ventilating, water supply and sanitary purposes.	
TM00179NZ	C LITE & Design (vertical/no tag)(B&W)	New Zealand	11	MPI	1056861	26 Jun 2018	Registered	1393358	08 Nov 2017		Logo	13 Oct 2018	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Apparatus for lighting, heating, steam generating, cooking, refrigerating, drying, ventilating, water supply and sanitary purposes.	

TM00176PA	C LITE & Design (vertical)(no tag)(B&W)	Panama	11	ORD	26213601	08 Nov 2017	Registered	26213601	08 Nov 2017			28 Jun 2018	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Apparatus for lighting, heating, steam generating, cooking, refrigerating, drying, ventilating, water supply and sanitary purposes.
TM00176PE	C LITE & Design (vertical)(no tag)(B&W)	Paris	11	ORD	262463	14 Mar 2018	Registered	7269152017	07 Nov 2017			14 Mar 2018	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Apparatus for lighting, heating, steam generating, cooking, refrigerating, drying, ventilating, water supply and sanitary purposes.
TM00176PF	C LITE & Design (vertical)(no tag)(B&W)	Philippines	11	MPI	1393358		Pending	1393358	08 Nov 2017	Logo		08 Nov 2017	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Apparatus for lighting, heating, steam generating, cooking, refrigerating, drying, ventilating, water supply and sanitary purposes.
TM00176PG	C LITE & Design (vertical)(no tag)(B&W)	Int'l Registration - Madrid Agreement / Protocol		ORD	1393358	08 Nov 2017	Registered	IR1393358	08 Nov 2017			08 Nov 2017	Cwe, Inc.	Lighting	11 int.	11 int. Apparatus for lighting, heating, steam generating, cooking, refrigerating, drying, ventilating, water supply and sanitary purposes.
TM00176PU	C LITE & Design (vertical)(no tag)(B&W)	Russian Federation	11	MPI	1393358	27 Sep 2018	Registered	1393358	08 Nov 2017	Logo		13 Oct 2018	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Apparatus for lighting, heating, steam generating, cooking, refrigerating, drying, ventilating, water supply and sanitary purposes.
TM00176SA	C LITE & Design (vertical)(no tag)(B&W)	Saudi Arabia	11	ORD	1439054432	25 Jan 2018	Registered	122622	08 Nov 2017			25 Jan 2018	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Apparatus for lighting, heating, steam generating, cooking, refrigerating, drying, ventilating, water supply and sanitary purposes.
TM00176SD	C LITE & Design (vertical)(no tag)(B&W)	Singapore	11	MPI	40201633269	05 Sep 2019	Registered	1393358	08 Nov 2017	Logo	28 Jun 2019	05 Sep 2019	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Apparatus for lighting, heating, steam generating, cooking, refrigerating, drying, ventilating, water supply and sanitary purposes.
TM00176TH	C LITE & Design (vertical)(no tag)(B&W)	Thailand	11	ORD			Pending	170193027	08 Nov 2017			08 Nov 2017	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Apparatus for lighting, heating, steam generating, cooking, refrigerating, drying, ventilating, water supply and sanitary purposes.
TM00176TI	C LITE & Design (vertical)(no tag)(B&W)	Turkey	11	MPI	1393358	06 Dec 2018	Registered	1393358	08 Nov 2017	Logo		13 Oct 2018	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Apparatus for lighting, heating, steam generating, cooking, refrigerating, drying, ventilating, water supply and sanitary purposes.
TM00176TJ	C LITE & Design (vertical)(no tag)(B&W)	Trinidad and Tobago	11	ORD	53379	07 May 2017	Registered	53379	07 Nov 2017			07 May 2017	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Apparatus for lighting, heating, steam generating, cooking, refrigerating, drying, ventilating, water supply and sanitary purposes.
TM00176TK	C LITE & Design (vertical)(no tag)(B&W)	Taiwan	11	ORD	01939591	16 Sep 2018	Registered	106070307	08 Nov 2017			16 Sep 2018	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Apparatus for lighting, heating, steam generating, cooking, refrigerating, drying, ventilating, water supply and sanitary purposes.
TM00176US	C LITE & Design (vertical)(no tag)(B&W)	United States of America	11	PRI			Published	87441215	08 May 2017	Logo		12 Dec 2017	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Apparatus for lighting, heating, steam generating, cooking, refrigerating, drying, ventilating, water supply and sanitary purposes.
TM00176ZA	C LITE & Design (vertical)(no tag)(B&W)	South Africa	11	ORD			Pending	201732438	07 Nov 2017			07 Nov 2017	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Apparatus for lighting, heating, steam generating, cooking, refrigerating, drying, ventilating, water supply and sanitary purposes.
TM00176AD	C LITE Design Vertical Block (B&W) No tagline	Korea, Republic of	11	ORD			Published	1393358	08 Nov 2017	Logo	30 Sep 2019	12 Dec 2017		Lighting		
TM00176US1	C LITE Design Vertical Block (B&W) No tagline	United States of America	11	ORD			Published	87441215	08 May 2017	Logo		12 Dec 2017		Lighting		
TM00176US	C LITE LED Lighting & Design (Horizontal B&W) w/ tagline EFFICIENCY	United States of America	11	PRI	6234865	29 Dec 2020	Registered	88639809	02 Oct 2019	Trademark		29 Dec 2020		Lighting		
TM00176CA	C LITE LED Lighting & Design (Vertical B&W)	Canada	11	PRI	1109309	16 Feb 2022	Registered	2036197	08 May 2020	Logo		16 Feb 2022	IDEAL Industries Lighting LLC			
TM00176MX	C LITE LED Lighting & Design (Vertical B&W)	Mexico	11	PRI	2321540	08 May 2020	Registered		08 May 2020	Logo		08 May 2020	IDEAL Industries Lighting LLC			
TM00176US	C LITE LED Lighting & Design (Vertical B&W)	United States of America	11	PRI	6342690	04 May 2021	Registered	88691163	13 Nov 2019	Logo		04 May 2021	IDEAL Industries Lighting LLC			
TM00176US	COLORFAST DELTA GUARD	United States of America	11	ORD	3343826	27 Nov 2007	Registered	7892523	30 Jan 2008			27 Nov 2007	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Electric lighting fixtures.
TM00176US2	COLORFAST DELTA GUARD	United States of America	002	ORD	4767400	07 Jul 2015	Registered	86352520	30 Jul 2014			07 Jul 2015	IDEAL Industries Lighting LLC	Lighting	02 int.	02 int. Coating compositions in the nature of paint for industrial applications.
TM00147CA	CONNECTED & Design	Canada	11	ORD	975130	06 Jul 2017	Registered	1735323	30 Jun 2015			06 Jul 2017	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. LED lamps, light bulbs, lighting fixtures.
TM00147CN	CONNECTED & Design	China (People's Republic)	11	ORD	17339230	07 Sep 2016	Registered	17339230	02 Jul 2015			07 Sep 2016	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Lamps, light bulbs, lighting fixtures.
TM00147CR	CONNECTED & Design	Costa Rica	11	ORD	247474	22 Oct 2015	Registered	2015006627	01 Jul 2015			22 Oct 2015	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Lamps, light bulbs, lighting fixtures.



TM00147EU	CONNECTED & Design	European Union (Community)	11	ORD	014320424	03 Nov 2015	Registered	014320424	01-Jul-2015				03 Nov 2015	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Lamps, Light bulbs, Lighting fixtures
TM00147MX	CONNECTED & Design	Mexico	11	ORD	160640	01 Aug 2016	Registered	162888	02-Jul-2015				01 Aug 2016	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Lamps, Light bulbs, Lighting fixtures
TM00147UK	CONNECTED & Design	United Kingdom	11	ORD	00914320424	03 Nov 2015	Registered	00914320424	01-Jul-2015				03 Nov 2015	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Lamps, Light bulbs, Lighting fixtures
TM00147US	CONNECTED & Design	United States of America	11	PRI	5134139	31 Jan 2017	Registered	86494262	02 Jan 2015				31 Jan 2017	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Lamps, Light bulbs, Lighting fixtures
TM004US1	CONNECTED MAX	United States of America	11	PRI	6449609	10 Aug 2021	Registered	88910478	11 May 2020			22 Sep 2020	Word	10 Aug 2021	IDEAL Industries Lighting LLC		
TM004US2	CONNECTED MAX & Design	United States of America	11	PRI	6296940	16 Mar 2021	Registered	88910543	11 May 2020			15 Sep 2020	Logo	16 Mar 2021	IDEAL Industries Lighting LLC		
TM004US3	CONNECTED MAX & Design (expanded goods)	United States of America	11	ORD	6695741	05 Apr 2022	Registered	90560863	04 Mar 2021			23 Nov 2021	Logo	05 Apr 2022	IDEAL Industries Lighting LLC	09 Int., 11 Int.	09 Int. Consumer electronic products, namely, doorbell chimes, video doorbells, motion sensors and monitoring equipment; namely, video cameras for monitoring indoors and outdoors, flood light security cameras and motion sensor security cameras, remote dimmers, scene controllers, outdoor electric plugs, solar panels for the production of electricity, thermostats, and other smart home devices; 11 Int. Apparatus for lighting, including luminaires, pendant luminaires, and recessed luminaires.
TM004US3	CONNECTED MAX (expanded goods)	United States of America	9, 11	ORD	6695740	05 Apr 2022	Registered	90560827	04 Mar 2021			23 Nov 2021	Word	05 Apr 2022	IDEAL Industries Lighting LLC	09 Int., 11 Int.	09 Int. Consumer electronic products, namely, doorbell chimes, video doorbells, motion sensors and monitoring equipment; namely, video cameras for monitoring indoors and outdoors, flood light security cameras and motion sensor security cameras, remote dimmers, scene controllers, outdoor electric plugs, solar panels for the production of electricity, thermostats, and other smart home devices; 11 Int. Smart lighting, namely, tape lighting.
TM00156AE	OP1250	United Arab Emirates	11	ORD	244640	07 Dec 2015	Registered	244640	07 Dec 2015				07 Dec 2015	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Lighting fixtures using light emitting diodes as the light source.
TM00156AR	OP1250	Argentina	11	ORD	2835114	16 Sep 2016	Registered	3402883	09 Dec 2015				16 Sep 2016	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Lighting fixtures using light emitting diodes as the light source.
TM00156AU	OP1250	Australia	11	MPR	1144209	12 May 2016	Registered	1282158	04 Dec 2015				04 Dec 2015	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Lighting fixtures using light emitting diodes as the light source.
TM00156CA	OP1250	Canada	11	ORD	965762	15 Mar 2017	Registered	1758207	07 Dec 2015				15 Mar 2017	IDEAL Industries Lighting LLC	Lighting	11 Nat.	11 Nat. Lighting fixtures using light emitting diodes as the light source.
TM00156CH	OP1250	Switzerland	11	MPPR	1282532	07 Nov 2016	Registered	1282532	07 Dec 2015				07 Dec 2015	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Lighting fixtures using light emitting diodes as the light source.
TM00156CL	OP1250	Chile	11	ORD	1217573	19 Aug 2016	Registered	1181833	07 Dec 2015				19 Aug 2016	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Lighting fixtures using light emitting diodes as the light source.
TM00156CR	OP1250	China (People's Republic)	11	MPR	1282158	27 Apr 2017	Registered	1282158	04 Dec 2015				04 Dec 2015	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Lighting fixtures using light emitting diodes as the light source.
TM00156CO	OP1250	Colombia	11	MPR	1282158	14 Feb 2017	Registered	1282158	04 Dec 2015				04 Dec 2015	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Lighting fixtures using light emitting diodes as the light source.
TM00156CR	OP1250	Costa Rica	11	ORD	257071	23 Nov 2016	Registered	201501930	10 Dec 2015				23 Nov 2016	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Lighting fixtures using light emitting diodes as the light source.
TM00156EU	OP1250	European Union (Community)	11	MPR	1282158	08 Nov 2016	Registered	1282158	04 Dec 2015				04 Dec 2015	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Lighting fixtures using light emitting diodes as the light source.
TM00156HK	OP1250	Hong Kong	11	ORD	303619645	03 Jun 2016	Registered	303619645	07 Dec 2015				07 Dec 2015	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Lighting fixtures using light emitting diodes as the light source.
TM00156KR	OP1250	Korea, Republic of	11	MPR	1282158	15 Nov 2016	Registered	1282158	04 Dec 2015				04 Dec 2015	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Lighting fixtures using light emitting diodes as the light source.
TM00156MX	OP1250	Mexico	11	MPR	1282158	23 Feb 2017	Registered	1282158	04 Dec 2015				04 Dec 2015	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Lighting fixtures using light emitting diodes as the light source.
TM00156NO	OP1250	Norway	11	MPR	1282158	19 Aug 2016	Registered	1282158	04 Dec 2015				04 Dec 2015	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Lighting fixtures using light emitting diodes as the light source.
TM00156NZ	OP1250	New Zealand	11	MPR	1025023	08 Jun 2016	Registered	1282158	04 Dec 2015				04 Dec 2015	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Lighting fixtures using light emitting diodes as the light source.
TM00156PE	OP1250	Peru	11	ORD	238547	22 Apr 2016	Registered	647102015	09 Dec 2015				22 Apr 2016	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Lighting fixtures using light emitting diodes as the light source.

TM00156PM	CPY250	Int'l Registration - Madrid Agreement / Protocol		ORD	1282158	04 Dec 2015	Registered	IP1282158	04 Dec 2015			04 Dec 2015	Cree, Inc.	Lighting	11 Int.	11 Int. Lighting fixtures using light-emitting diodes as the light source.
TM00156RQ	CPY250	Russian Federation	11	MPS	1282158	13 Jun 2017	Registered	1282158	04 Dec 2015			04 Dec 2015	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Lighting fixtures using light-emitting diodes as the light source.
TM00156EA	CPY250	Saudi Arabia	11	ORD	1437020778	09 Jun 2016	Registered	1437020778	10 Feb 2016			09 Jun 2016	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Lighting fixtures using light-emitting diodes as the light source.
TM00156SG	CPY250	Singapore	11	MPS	40201600275	01 Jun 2016	Registered	1282158	04 Dec 2015			04 Dec 2015	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Lighting fixtures using light-emitting diodes as the light source.
TM00156TR	CPY250	Turkey	11	MPS	1282158	10 Apr 2017	Registered	1282158	04 Dec 2015			04 Dec 2015	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Lighting fixtures using light-emitting diodes as the light source.
TM00156TN	CPY250	Taiwan	11	ORD	01797652	16 Oct 2016	Registered	104072796	07 Dec 2015			16 Oct 2016	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Lighting fixtures using light-emitting diodes as the light source.
TM00156UK	CPY250	United Kingdom	11	MPS	00801282158	08 Nov 2016	Registered	1282158	04 Dec 2015			04 Dec 2015	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Lighting fixtures using light-emitting diodes as the light source.
TM00156US	CPY250	United States of America	11	PR1	4889986	19 Jan 2016	Registered	86655216	08 Jun 2015			19 Jan 2016	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Lighting fixtures using light-emitting diodes as the light source.
TM00156VE	CPY250	Venezuela	11	ORD	P363840	31 Aug 2017	Registered	1846415	15 Dec 2015			31 Aug 2017	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Lighting fixtures using light-emitting diodes as the light source.
TM00156ZA	CPY250	South Africa	11	ORD	201505099	07 Dec 2015	Registered	201505099	07 Dec 2015			07 Dec 2015	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Lighting fixtures using light-emitting diodes as the light source.
TM006AE	CPY500	United Arab Emirates	11	ORD	343988	10 May 2021	Registered	343988	28 Jun 2021		14 Apr 2021	Word	09 May 2021	IDEAL Industries Lighting LLC		
TM006AR	CPY500	Argentina	11	ORD	3301402	08 Jul 2022	Registered	343988	28 Jun 2021	222	31 Mar 2021	Word	08 Jul 2022	IDEAL Industries Lighting LLC		
TM006AU	CPY500	Australia	11	ORD	1502801	22 Feb 2022	Registered	2180282	27 Jun 2021	115644AU100	15 Dec 2021	Word	22 Feb 2022	IDEAL Industries Lighting LLC		
TM006BO	CPY500	Bolivia	11	ORD	197011	22 Dec 2021	Registered	000312	28 Jun 2021			Word	22 Dec 2021	IDEAL Industries Lighting LLC		
TM006BR	CPY500	Brazil	11	ORD	501592801	26 Jun 2022	Registered	1592801	27 Jun 2021			Word	26 Jun 2022	IDEAL Industries Lighting LLC		
TM006BZ	CPY500	Belize	11	ORD	1674121	03 Jun 2022	Registered	1674121	29 Jun 2021			Word	03 Jun 2022	IDEAL Industries Lighting LLC		
TM006CA	CPY500	Canada	11	ORD	1157562	21 Dec 2022	Registered	2108218	27 Jun 2021			Word	21 Dec 2022	IDEAL Industries Lighting LLC		
TM006CL	CPY500	Chile	11	ORD	1358846	16 Nov 2021	Registered	1392878	28 Jun 2021			Word	16 Nov 2021	IDEAL Industries Lighting LLC		
TM006CN	CPY500	China (People's Republic)	11	ORD	1592801	26 Apr 2022	Registered	1592801	27 Jun 2021			Word	26 Apr 2022	IDEAL Industries Lighting LLC		
TM006CO	CPY500	Colombia	11	ORD	1592801	23 Feb 2022	Registered	1592801	27 Jun 2021			Word	23 Feb 2022	IDEAL Industries Lighting LLC		
TM006CR	CPY500	Costa Rica	11	ORD	302271	07 Jan 2022	Registered	2021-0000820	27 Jun 2021			Word	07 Jan 2022	IDEAL Industries Lighting LLC		
TM006EC	CPY500	Ecuador	11	ORD	20214651	22 Feb 2022	Registered	6551	28 Jun 2021			Word	22 Feb 2022	IDEAL Industries Lighting LLC		
TM006EU	CPY500	European Union (Community)	11	ORD	1592801	13 Oct 2021	Registered	1592801	27 Jun 2021			Word	27 Jun 2021	IDEAL Industries Lighting LLC		
TM006GT	CPY500	Guatemala	11	ORD	272411	10 Oct 2022	Registered	900696	28 Jun 2021	2021-000696	21 Jul 2022	Word	10 Oct 2022	IDEAL Industries Lighting LLC		

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TM90196U	E. CONLIGHT	European Union (Community)	11	ORD	00486329	24 Jan 2007	Registered	00486329	27 Jan 2006			24 Jan 2007	E.conoLIGHT, LLC	Lighting	11 int.	11 int. Commercial industrial and landscape electrical lighting fixtures and fittings, parts and components for the aforesaid goods.	
TM90196X	E. CONLIGHT	United Kingdom	11	ORD	0090486329	24 Jan 2007	Registered	00486329	27 Jan 2006			24 Jan 2007	E.conoLIGHT, LLC	Lighting	11 int.	11 int. Commercial industrial and landscape electrical lighting fixtures and fittings, parts and components for the aforesaid goods.	
TM90196S	E. CONLIGHT	United States of America	11	PRR	2629131	22 Feb 2005	Registered	76464110	04 Nov 2002			Word	22 Feb 2005	E.conoLIGHT, LLC	Lighting	11 int.	11 int. Commercial industrial and landscape electrical lighting fixtures.
TM00141CA	E. CONLIGHT & Design (Classcom) (B&W)	Canada	11	ORD	1060244	23 Oct 2019	Registered	1785149	27 May 2016			23 Oct 2019	E.conoLIGHT, LLC	Lighting	11 Nat.	11 int. Indoor and outdoor electrical lighting fixtures, including lighting fixtures using light emitting diodes as the light source, LED lamps, lighting tubes, all of the foregoing for use in residential, commercial, professional and industrial applications.	
TM00141CN	E. CONLIGHT & Design (Classcom) (B&W)	China (People's Republic)	11	MPR	1310245	27 Oct 2017	Registered	1310245	26 May 2016			26 May 2016	E.conoLIGHT, LLC	Lighting	11 int.	11 int. Indoor and outdoor electrical lighting fixtures, including lighting fixtures using light emitting diodes as the light source, LED lamps, lighting tubes, all of the foregoing for use in residential, commercial, professional and industrial applications.	
TM00141EU	E. CONLIGHT & Design (Classcom) (B&W)	European Union (Community)	11	MPR	1310245	24 Feb 2017	Registered	1310245	26 May 2016			26 May 2016	E.conoLIGHT, LLC	Lighting	11 int.	11 int. Indoor and outdoor electrical lighting fixtures, including lighting fixtures using light emitting diodes as the light source, LED lamps, lighting tubes, all of the foregoing for use in residential, commercial, professional and industrial applications.	
TM00141KR	E. CONLIGHT & Design (Classcom) (B&W)	Korea, Republic of	11	MPR	1310245	08 May 2018	Registered	1310245	26 May 2016			26 May 2016	E.conoLIGHT, LLC	Lighting	11 int.	11 int. Indoor and outdoor electrical lighting fixtures, including lighting fixtures using light emitting diodes as the light source, LED lamps, lighting tubes, all of the foregoing for use in residential, commercial, professional and industrial applications.	
TM00141MX	E. CONLIGHT & Design (Classcom) (B&W)	Mexico	11	MPR	1794360	18 Sep 2017	Registered	1310245	26 May 2016			26 May 2016	E.conoLIGHT, LLC	Lighting	11 int.	11 int. Indoor and outdoor electrical lighting fixtures, including lighting fixtures using light emitting diodes as the light source, LED lamps, lighting tubes, all of the foregoing for use in residential, commercial, professional and industrial applications.	
TM00141TW	E. CONLIGHT & Design (Classcom) (B&W)	Taiwan	11	ORD	0181059	01 Jan 2017	Registered	105031213	31 May 2016			01 Jan 2017	E.conoLIGHT, LLC	Lighting	11 int.	11 int. Indoor and outdoor electrical lighting fixtures, including lighting fixtures using light emitting diodes as the light source, LED lamps, lighting tubes, all of the foregoing for use in residential, commercial, professional and industrial applications.	
TM00141UK	E. CONLIGHT & Design (Classcom) (B&W)	United Kingdom	11	MPR	00801310245	24 Feb 2017	Registered	1310245	26 May 2016			26 May 2016	E.conoLIGHT, LLC	Lighting	11 int.	11 int. Indoor and outdoor electrical lighting fixtures, including lighting fixtures using light emitting diodes as the light source, LED lamps, lighting tubes, all of the foregoing for use in residential, commercial, professional and industrial applications.	
TM00141US	E. CONLIGHT & Design (Classcom) (B&W)	United States of America	11	PRR	5131382	31 Jan 2017	Registered	86837490	02 Dec 2015		Logo	31 Jan 2017	E.conoLIGHT, LLC	Lighting	11 int.	11 int. Indoor and outdoor electrical lighting fixtures, including lighting fixtures using light emitting diodes as the light source, LED lamps, lighting tubes, all of the foregoing for use in residential, commercial, professional and industrial applications.	
TM00141US2	E. CONLIGHT & Design (Classcom) (B&W)	United States of America	35	ORD	5131383	31 Jan 2017	Registered	86837490	02 Dec 2015		Logo	31 Jan 2017	E.conoLIGHT, LLC	Lighting	35 int.	35 int. Catalog and online retail store services featuring lighting products and accessories.	
TM00141WO	E. CONLIGHT & Design (Classcom) (B&W)	Int'l Registration - Madrid Agreement / Protocol		ORD	1310245	26 May 2016	Registered	IR1310245	26 May 2016			26 May 2016	E.conoLIGHT, LLC	Lighting	11 int.	11 int. Indoor and outdoor electrical lighting fixtures, including lighting fixtures using light emitting diodes as the light source, LED lamps, lighting tubes, all of the foregoing for use in residential, commercial, professional and industrial applications.	
TM00167CA	E. CONLIGHT & Design (Classcom) (color)	Canada	11	ORD	1060241	23 Oct 2019	Registered	1785148	27 May 2016		Logo	23 Oct 2019	E.conoLIGHT, LLC				
TM00167CN	E. CONLIGHT & Design (Classcom) (color)	China (People's Republic)	11	ORD	1310222	26 Oct 2017	Registered	1310222	26 May 2016		Logo	04 Jul 2017	E.conoLIGHT, LLC				
TM00167EU	E. CONLIGHT & Design (Classcom) (color)	European Union (Community)	11	ORD	1310222	24 Feb 2017	Registered	1310222	26 May 2016		Logo	04 Jul 2017	E.conoLIGHT, LLC				
TM00167KR	E. CONLIGHT & Design (Classcom) (color)	Korea, Republic of	11	ORD	1310222	08 Jun 2018	Registered	1310222	26 May 2016		Logo		E.conoLIGHT, LLC				
TM00167MX	E. CONLIGHT & Design (Classcom) (color)	Mexico	11	ORD	1794352	18 Sep 2017	Registered	1310222	26 May 2016		Logo	04 Jul 2017	E.conoLIGHT, LLC				
TM00167TW	E. CONLIGHT & Design (Classcom) (color)	Taiwan	11	ORD	0181060	01 Jan 2017	Registered	105031215	31 May 2016		Logo	04 Jul 2017	E.conoLIGHT, LLC				
TM00167UK	E. CONLIGHT & Design (Classcom) (color)	United Kingdom	11	ORD	00801310222	24 Feb 2017	Registered	1310222	26 May 2016		Logo	04 Jul 2017	E.conoLIGHT, LLC				
TM00167US	E. CONLIGHT & Design (Classcom) (color)	United States of America	11	ORD	5089447	29 Nov 2016	Registered	86837509	02 Dec 2015		Logo	04 Jul 2017	E.conoLIGHT, LLC				
TM00167US2	E. CONLIGHT & Design (Classcom) (color)	United States of America	35	ORD	5089447	22 Nov 2016	Registered	86837516	02 Dec 2015		Logo	04 Jul 2017	E.conoLIGHT, LLC				
TM00167US3	E. CONLIGHT & Design (Classcom) (color)	United States of America	9 6 11	ORD	5224769	04 Jul 2017	Registered	86837502	02 Dec 2015		Logo	04 Jul 2017	E.conoLIGHT, LLC				
TM00167CA2	E. CONLIGHT & Design (Classcom) (white on the background)	Canada	11	ORD	1060243	23 Oct 2019	Registered	1785147	27 May 2016		Logo	23 Oct 2019	E.conoLIGHT, LLC				

TMR00835T2	ESSENTIA	Guatemala	11	ORD	220316	09 Dec 2016	Registered	201603536	14 Apr 2016			09 Dec 2016	Lighting	11 int.	11 int. Outdoor lighting fixtures using light emitting diodes as the light source, in International Class 011.	
TMR00834H2	ESSENTIA	Hong Kong	11	ORD	303743064	24 Oct 2016	Registered	303743064	14 Apr 2016			14 Apr 2016	Lighting	11 int.	11 int. Outdoor lighting fixtures using light emitting diodes as the light source, in International Class 011.	
TMR00834R2	ESSENTIA	Cuba	11	MPI	130887	03 Apr 2017	Registered	130887	19 Apr 2016			19 Apr 2016	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Indoor lighting fixtures, namely, troffers and track lighting.
TMR0083L	ESSENTIA	Israel	11	MPI	1072307	04 Apr 2012	Registered	1072307	16 Feb 2011	Word	16 Feb 2011	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Indoor lighting fixtures, namely, downlights, adjustable light, wall wash lighting, under cabinet lighting, cove lighting and linear lighting.	
TMR0083L2	ESSENTIA	Israel	11	MPI	130887	04 Feb 2018	Registered	130887	19 Apr 2016			19 Apr 2016	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Indoor lighting fixtures, namely, troffers and track lighting.
TMR0083N2	ESSENTIA	India	11	MPI			Pending	130887	19 Apr 2016			19 Apr 2016	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Indoor lighting fixtures, namely, troffers and track lighting.
TMR0083P2	ESSENTIA	Japan	11	MPI	130887	23 Feb 2018	Registered	130887	19 Apr 2016			19 Apr 2016	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Indoor lighting fixtures, namely, troffers and track lighting.
TMR0083M	ESSENTIA	Mexico	11	ORD	1746787	21 Apr 2017	Registered	1158207	25 Feb 2011			25 Feb 2011		Lighting	11 int.	11 int. Apparatus for lighting, heating, steam generating, cooling, refrigerating, drying, ventilating, water supply and sanitary purposes.
TMR0083M2	ESSENTIA	Mexico	11	MPI	130887	11 Dec 2017	Registered	130887	19 Apr 2016			19 Apr 2016	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Indoor lighting fixtures, namely, troffers and track lighting.
TMR0083M2	ESSENTIA	Malaysia	11	ORD	2016056894	15 Apr 2016	Registered	2016056894	15 Apr 2016			15 Apr 2016	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Outdoor lighting fixtures using light emitting diodes as the light source, in International Class 011.
TMR0083N2	ESSENTIA	Norway	11	MPI	130887	31 Jan 2017	Registered	130887	19 Apr 2016			19 Apr 2016	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Indoor lighting fixtures, namely, troffers and track lighting.
TMR0083N2	ESSENTIA	New Zealand	11	MPI	1051022	31 Jan 2017	Registered	130887	19 Apr 2016			19 Apr 2016	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Indoor lighting fixtures, namely, troffers and track lighting.
TMR0083M	ESSENTIA	Oman	11	MPI	1072307	16 Aug 2012	Registered	1072307	16 Feb 2011			16 Feb 2011	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Indoor lighting fixtures, namely, downlights, adjustable light, wall wash lighting, under cabinet lighting, cove lighting and linear lighting.
TMR0083M2	ESSENTIA	Oman	11	MPI	130887	01 Aug 2017	Registered	130887	19 Apr 2016			19 Apr 2016	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Indoor lighting fixtures, namely, troffers and track lighting.
TMR0083PA	ESSENTIA	Panama	11	ORD	198814	30 Mar 2011	Registered	198814	30 Mar 2011			30 Mar 2011	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Apparatus for lighting, heating, steam generating, cooling, refrigerating, drying, ventilating, water supply and sanitary purposes.
TMR0083PA2	ESSENTIA	Panama	11	ORD	249092	18 Apr 2016	Registered	249092	18 Apr 2016			18 Apr 2016	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Outdoor lighting fixtures using light emitting diodes as the light source, in International Class 011.
TMR0083P2	ESSENTIA	Philippines	11	MPI	130887	31 May 2018	Registered	130887	19 Apr 2016			31 May 2018	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Indoor lighting fixtures, namely, troffers and track lighting.
TMR0083P2	ESSENTIA	IRI Registration - Madrid Agreement / Protocol		ORD	130887	19 Apr 2016	Registered	IRI130887	19 Apr 2016			19 Apr 2016	Cow, Inc.	Lighting	11 int.	11 int. Indoor lighting fixtures, namely, troffers and track lighting.
TMR0083Q2	ESSENTIA	Qatar	11	ORD	105346	02 Oct 2017	Registered	105346	17 Apr 2016			17 Apr 2016	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Outdoor lighting fixtures using light emitting diodes as the light source, in International Class 011.
TMR0083R1	ESSENTIA	Russian Federation	11	MPI	1072307	28 Apr 2013	Registered	1072307	16 Feb 2011			16 Feb 2011	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Indoor lighting fixtures, namely, downlights, adjustable light, wall wash lighting, under cabinet lighting, cove lighting and linear lighting.
TMR0083R2	ESSENTIA	Russian Federation	11	MPI	130887	29 Nov 2017	Registered	130887	19 Apr 2016			19 Apr 2016	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Indoor lighting fixtures, namely, troffers and track lighting.
TMR0083S2	ESSENTIA	Singapore	11	MPI	40201615115	17 Aug 2017	Registered	130887	19 Apr 2016	Word	19 Apr 2016	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Indoor lighting fixtures, namely, troffers and track lighting.	
TMR0083UK	ESSENTIA	United Kingdom	11	MPI	0080130887	22 Feb 2017	Registered	130887	19 Apr 2016			19 Apr 2016	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Indoor lighting fixtures, namely, troffers and track lighting.
TMR0083US	ESSENTIA	United States of America	11	PRI	3963370	17 May 2011	Registered	85011562	12 Apr 2010			17 May 2011	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Indoor lighting fixtures, namely, downlights, adjustable light, wall wash lighting, under cabinet lighting, cove lighting and linear lighting.



TMR083U2	ESSENTIA	United States of America	11	ORD	555203	04 Sep 2018	Registered	8697405	13 Apr 2016		Word	04 Sep 2018	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Indoor lighting fixtures, namely, troffers and track lighting	
TMR083U7	ESSENTIA	Uruguay	11	ORD	473460	01 Feb 2023	Registered	473460	20 Apr 2016			01 Feb 2023	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Outdoor lighting fixtures using light emitting diodes as the light source, in International Class 011.	
TMR083V6	ESSENTIA	Venezuela	11	ORD	314880	17 Feb 2012	Registered	390211	16 Mar 2011			17 Feb 2012	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Indoor lighting fixtures, namely, downlights, adjustable lights, wall wash lighting, under cabinet lighting, cove lighting and linear lighting	
TMR083V2	ESSENTIA	Venezuela	11	ORD	361241	02 Jun 2017	Registered	520416	20 Apr 2016			02 Jun 2017	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Outdoor lighting fixtures using light emitting diodes as the light source, in International Class 011.	
TMR083Z4	ESSENTIA	South Africa	11	ORD	201610241	14 Apr 2016	Registered	201610241	14 Apr 2016			14 Apr 2016	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Outdoor lighting fixtures using light emitting diodes as the light source, in International Class 011.	
TMR084U5	EZ BAY	United States of America	11	ORD	257981	11 Jun 2002	Registered	76050163	16 May 2003			11 Jun 2002	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Overhead industrial electric lighting fixtures	
TMR084U5	EZ CONNECT & Design	United States of America	11	ORD	214211	29 Jul 2003	Registered	76306305	28 Aug 2001		Logo	29 Jul 2003	IDEAL Industries Lighting LLC	Lighting	09 Int.	09 Int. Modular wiring products, namely, electric wiring for installing multiple lighting fixtures	
TMR084U5	EZ WALL PACK	United States of America	11	ORD	280142	06 Jun 2004	Registered	76361364	22 Jan 2002			06 Jun 2004	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Wall mounted electric lighting fixtures	
TM001288R	FILAMENT TOWER	Brazil	11	ORD	840586027	19 Apr 2016	Registered	840586027	23 Jul 2013			19 Apr 2016	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. LED (light emitting diode) lighting fixtures, lighting fixtures, light bulbs, lighting fixtures	
TM00128CA	FILAMENT TOWER	Canada	11	ORD	1028746	13 Nov 2018	Registered	1624789	30 Apr 2013			13 Nov 2018	IDEAL Industries Lighting LLC	Lighting	11 Nat.	11 Nat. LED (light emitting diode) lighting fixtures, light bulbs, lighting fixtures	
TM00128HK	FILAMENT TOWER	Hong Kong	11	ORD	302873519	12 Aug 2015	Registered	302873519	19 Jul 2013			12 Aug 2015	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. LED (light emitting diode) lighting fixtures, lighting fixtures, light bulbs, lighting fixtures, but not including light towers	
TM00128MX	FILAMENT TOWER	Maricao	11	ORD	1388540	07 Sep 2013	Registered	1371193	07 May 2013			07 Aug 2013	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. LED lighting apparatus (light emitting diode), light bulb, apparatus for lighting	
TM00128TW	FILAMENT TOWER	Taiwan	11	ORD	1651421	01 Jul 2014	Registered	102039877	20 Jul 2013			01 Jul 2014	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. LED (light emitting diode) lighting fixtures, lighting fixtures, light bulbs, lighting fixtures	
TM00128ZA	FILAMENT TOWER	South Africa	11	ORD	20130706	31 Jul 2013	Registered	20130706	31 Jul 2013			24 Jun 2015	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. LED (light emitting diode) lighting fixtures, LED light bulbs	
TM00124CA	FILAMENT TOWER TECHNOLOGY	Canada		ORD	1066382	16 Dec 2019	Registered	1615715	22 Dec 2016			16 Dec 2019	Ciwa, Inc.	Lighting	11 Nat.	11 Nat. LED (light emitting diode) lighting fixtures, including light towers, LED (light emitting diode) light bulbs	
TM11	GUIDEWAY	United States of America		ORD			Published	9775278	12 Jan 2023	2304	27 Jun 2023	Word	27 Jun 2023		Lighting		
TM00118AU	ITS PAYBACK TIME	Australia	9, 11	ORD	1512408	21 Jan 2013	Registered	1512408	03 Sep 2012			21 Jan 2013	IDEAL Industries Lighting LLC	Lighting	09 Int., 11 Int.	09 Int. Light emitting diodes (LEDs) 11 Int. LED (light emitting diode) lighting fixtures, light bulbs, lighting fixtures, apparatus	
TM00116CN	ITS PAYBACK TIME	China (People's Republic)	11	ORD	1144662	07 Feb 2014	Registered	1144662	05 Sep 2012			07 Feb 2014	IDEAL Industries Lighting LLC	Lighting	09 Int.	09 Int. Light emitting diodes (LEDs)	
TM00116MX	ITS PAYBACK TIME	Maricao	11	ORD	1341895	11 Jan 2013	Registered	1305370	03 Sep 2012			11 Jan 2013	IDEAL Industries Lighting LLC	Lighting	09 Int.	09 Int. Scientific, medical, analytical, photographic, cinematographic, optical, weighing, measuring, signaling, checking (inspection), life saving and teaching apparatus and instruments, clockmaking, switching, transforming, accumulating, registering or controlling electricity apparatus and instruments, recording, transmission or reproduction of sound or images apparatus; magnetic data carriers, recording discs, compact discs, DVD and other digital recording apparatus; data carriers, recording discs, compact discs, DVD and other digital recording apparatus, LED tubes	
TM00116MX	ITS PAYBACK TIME	Maricao	11	ORD	1341895	03 Sep 2012	Registered	1305369	03 Sep 2012			11 Jan 2013	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. LED lighting apparatus, light bulbs, lighting apparatus, LED tubes	
TMR0000CA	KRAMER LIGHTING	Canada	11	ORD	686636	26 Apr 2007	Registered	1285608	10 Jan 2006			26 Apr 2007	IDEAL Industries Lighting LLC	Lighting	11 Nat.	11 Nat. Recessed, linear and surface mounted lighting fixtures for architectural, commercial and retail applications	
TMR0000US	KRAMER LIGHTING	United States of America	11	PRR	273444	14 Oct 2003	Registered	76469332	22 Nov 2002			14 Oct 2003	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Recessed, linear and surface mounted lighting fixtures for architectural, commercial and retail applications	
TMR0110EU	KRAMERLED	European Union (Community)	11	ORD	007507862	24 Jul 2009	Registered	007507862	08 Jan 2009			08 Jan 2009	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Lighting fixtures, recessed and surface mounted lighting fixtures	
TMR0110UK	KRAMERLED	United Kingdom	11	ORD	00907507862	24 Jul 2009	Registered	007507862	08 Jan 2009			08 Jan 2009	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Lighting fixtures, recessed and surface mounted lighting fixtures	

TMR0291US	LABOR SAVER	United States of America	11	PRI	2828409	30 Mar 2004	Registered	76449789	15 Aug 2002			30 Mar 2004	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Recessed lighting fixtures.	
TMR0292AE	LEDWAY	United Arab Emirates	11	ORD	335744	17 Dec 2020	Registered	335744	16 Sep 2020	14580	29 Oct 2020	17 Dec 2020	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electric lighting fixtures, namely, roadway light fixtures.	
TMR0292AU	LEDWAY	Australia	11	ORD	126207	18 Sep 2009	Registered	126207	06 Jun 2009			06 Jun 2009	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electric lighting fixtures, namely, roadway light fixtures.	
TMR0292BR	LEDWAY	Brazil	11	ORD	830487190	20 May 2014	Registered	830487190	29 Dec 2009			20 May 2014	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electric lighting fixtures, namely, roadway light fixtures.	
TMR0292CA	LEDWAY	Canada	11	ORD	822973	26 Apr 2012	Registered	1424144	12 Jun 2009			26 Apr 2012	IDEAL Industries Lighting LLC	Lighting	11 Nat.	11 Nat. Electric lighting fixtures, namely, roadway light fixtures.	
TMR0292CL	LEDWAY	Chile	11	ORD	922631	28 Jun 2011	Renewed	898587	23 Dec 2009			18 Jun 2022	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electric lighting fixtures, namely, roadway light fixtures.	
TMR0292EU	LEDWAY	European Union (Community)	11	ORD	009748146	18 Feb 2011	Registered	009748146	18 Feb 2011			18 Feb 2011	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electric lighting fixtures, namely, roadway light fixtures.	
TMR0292GH	LEDWAY	Ghana	11	ORD			Pending	008562011	17 May 2011			17 May 2011	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electric lighting fixtures, namely, roadway light fixtures.	
TMR0292GT	LEDWAY	Guatemala	11	ORD	193716	19 Jun 2012	Registered	878809	23 Dec 2009			19 Jun 2012	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electric lighting fixtures, namely, roadway light fixtures.	
TMR0292IN	LEDWAY	India	11	ORD	1836824	06 Jul 2009	Registered	1836824	06 Jul 2009			06 Jul 2009	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electric lighting fixtures, namely, roadway light fixtures.	
TMR0292LB	LEDWAY	Lebanon	11	ORD	135553	17 May 2011	Registered	4054	12 May 2011			17 May 2011	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electric lighting fixtures, namely, roadway light fixtures.	
TMR0292MX	LEDWAY	Mexico	11	ORD	1181694	07 Jan 2010	Registered	1057880	07 Jan 2010			07 Jan 2010	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electric lighting fixtures, namely, roadway light fixtures.	
TMR0292NZ	LEDWAY	New Zealand	11	ORD	801199	06 Jun 2009	Registered	801199	06 Jun 2009			06 Jun 2009	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electric lighting fixtures, namely, roadway light fixtures.	
TMR0292PA	LEDWAY	Panama	11	ORD	2025401	22 Jul 2011	Registered	202546	22 Jul 2011			22 Jul 2011	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electric lighting fixtures, namely, roadway light fixtures.	
TMR0292QA	LEDWAY	Qatar	11	ORD	61595	07 Apr 2010	Registered	61595	07 Apr 2010			07 Apr 2010	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electric lighting fixtures, namely, roadway light fixtures.	
TMR0292SA	LEDWAY	Saudi Arabia	11	ORD	14329309	01 Apr 2013	Registered		10 Jul 2011			01 Apr 2013	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electrical lighting fixtures namely roadway or street light fixtures.	
TMR0292TT	LEDWAY	Trinidad and Tobago	11	ORD			Pending	44064	14 Jul 2011			14 Jul 2011	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electric lighting fixtures, namely, roadway light fixtures.	
TMR0292TW	LEDWAY	Taiwan	11	ORD	01465335	01 Jan 2012	Registered	10021375	02 May 2011			01 Jan 2012	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electric lighting fixtures, namely, roadway light fixtures.	
TMR0292UK	LEDWAY	United Kingdom	11	ORD	00929748146	22 Nov 2013	Registered	009748146	18 Feb 2011			18 Feb 2011	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electric lighting fixtures, namely, roadway light fixtures.	
TMR0292US	LEDWAY	United States of America	11	PRI	3628347	26 May 2009	Registered	77434774	28 Mar 2008			26 May 2009	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electric lighting fixtures, namely, roadway light fixtures.	
TMR0292VE	LEDWAY	Venezuela	11	ORD	361238	02 Jun 2017	Registered	84810	22 Jan 2010			02 Jun 2017	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electric lighting fixtures, namely, roadway light fixtures.	
TML02194CA	LIGHT REINVENTED	Canada	11	ORD	723212	09 Sep 2008	Registered	1367064	11 Oct 2007			09 Sep 2008	IDEAL Industries Lighting LLC	Lighting	09 Nat., 11 Nat.	09 Nat. Light emitting diodes (LEDs); 11 Nat. Light fixtures.	
TM00060AR	LIGHTING THE LED REVOLUTION	Argentina	9	ORD	2372913	28 May 2010	Registered	2941025	31 Aug 2009			28 May 2010	IDEAL Industries Lighting LLC	Lighting	09 Int.	09 Int. Optoelectronic devices, namely, light emitting diodes for illumination.	
TM00060AR2	LIGHTING THE LED REVOLUTION	Argentina	11	ORD	2372914	28 May 2010	Registered	2941026	31 Aug 2009			28 May 2010	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Light fixtures.	

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LEDWAY

TM00060CA	LIGHTING THE LED REVOLUTION	Canada	11	ORD	828652	26 Jul 2012	Registered	1455535	15 Oct 2009				26 Jul 2012	IDEAL Industries Lighting LLC	Lighting	09 Int., 11 Nat.	09 Int. Optoelectronic devices, namely, light emitting diodes for illumination; 11 Nat. Light fixtures
TM00060IN	LIGHTING THE LED REVOLUTION	India	9	ORD			Pending	1857188	01 Sep 2009				01 Sep 2009	IDEAL Industries Lighting LLC	Lighting	09 Int.	09 Int. Optoelectronic devices, namely, light emitting diodes for illumination
TM00060IN2	LIGHTING THE LED REVOLUTION	India	11	ORD			Pending	1857187	01 Sep 2009				01 Sep 2009	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Light fixtures
TM00060JP	LIGHTING THE LED REVOLUTION	Japan	9, 11	ORD	5442773	07 Oct 2011	Registered	20096494	31 Aug 2009				07 Oct 2011	IDEAL Industries Lighting LLC	Lighting	09 Int., 11 Int.	09 Int. LEDs for lighting; LED chips, parts of LEDs; 11 Int. Lighting instruments using LEDs
TM00060NZ	LIGHTING THE LED REVOLUTION	New Zealand	9, 11	ORD	811587	04 Mar 2010	Registered	811587	31 Aug 2009				04 Mar 2010	IDEAL Industries Lighting LLC	Lighting	09 Int., 11 Int.	09 Int. Optoelectronic devices, namely, light emitting diodes for illumination; 11 Int. Light fixtures
TM00061AR	LIGHTING THE LED REVOLUTION & Design	Argentina	11	ORD	2387207	17 Aug 2010	Registered	2944765	16 Sep 2009				17 Aug 2010	IDEAL Industries Lighting LLC	Lighting	09 Int.	09 Int. Optoelectronic devices, namely, light emitting diodes for illumination
TM00061AR2	LIGHTING THE LED REVOLUTION & Design	Argentina	11	ORD	2387207	17 Aug 2010	Registered	2944766	16 Sep 2009				17 Aug 2010	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Light fixtures
TM00061AU	LIGHTING THE LED REVOLUTION & Design	Australia	9, 11	ORD	1321475	25 Jan 2010	Registered	1321475	15 Sep 2009				25 Jan 2010	IDEAL Industries Lighting LLC	Lighting	09 Int., 11 Int.	09 Int. Optoelectronic devices, namely, light emitting diodes for illumination; scientific, photographic, cinematographic, optical, signaling apparatus and instruments, data processing equipment and computers; 11 Int. Light fixtures, apparatus for lighting and heating
TM00061CA	LIGHTING THE LED REVOLUTION & Design	Canada	11	ORD	828653	26 Jul 2012	Registered	1455536	15 Oct 2009				26 Jul 2012	IDEAL Industries Lighting LLC	Lighting	09 Int., 11 Nat.	09 Int. Optoelectronic devices, namely, light emitting diodes for illumination; 11 Nat. Light fixtures
TM00061HK	LIGHTING THE LED REVOLUTION & Design	Hong Kong	9, 11	ORD	301429641	16 Sep 2009	Registered	301429641	16 Sep 2009				16 Sep 2009	Oow, Inc.	Lighting	09 Int., 11 Int.	09 Int. Optoelectronic devices, namely, light emitting diodes for illumination; 11 Int. Light fixtures
TM00061IN	LIGHTING THE LED REVOLUTION & Design	India	9	ORD	186420	18 Sep 2009	Registered	186420	18 Sep 2009				18 Nov 2016	IDEAL Industries Lighting LLC	Lighting	09 Int.	09 Int. Optoelectronic devices, namely, light emitting diodes for illumination
TM00061IN2	LIGHTING THE LED REVOLUTION & Design	India	11	ORD	1864221	18 Sep 2009	Registered	1864221	18 Sep 2009				21 Feb 2017	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Light fixtures
TM00061JP	LIGHTING THE LED REVOLUTION & Design	Japan	9, 11	ORD	5819108	07 Sep 2012	Registered	200970889	18 Sep 2009				07 Sep 2012	IDEAL Industries Lighting LLC	Lighting	09 Int., 11 Int.	09 Int. Optoelectronic devices, namely, light emitting diodes for illumination; 11 Int. Light fixtures
TM00061NZ	LIGHTING THE LED REVOLUTION & Design	New Zealand	9, 11	ORD	812983	18 Mar 2010	Registered	812983	15 Sep 2009				18 Mar 2010	IDEAL Industries Lighting LLC	Lighting	09 Int., 11 Int.	09 Int. Optoelectronic devices, namely, light emitting diodes for illumination; 11 Int. Light fixtures
TM00061TW	LIGHTING THE LED REVOLUTION & Design	Taiwan	9	ORD	1607369	01 Oct 2013	Registered	098541106	18 Sep 2009				01 Oct 2013	IDEAL Industries Lighting LLC	Lighting	09 Int.	09 Int. Diodes, light emitting diodes (LED), LED indicator light, LED monitors
TM00061TW2	LIGHTING THE LED REVOLUTION & Design	Taiwan	11	ORD	1601576	01 Oct 2013	Registered	098541110	18 Sep 2009				01 Oct 2013	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Luminaires, light tubes, lighting devices, lighting fixtures used for vehicles, chandeliers, reading lamps, fluorescent light, neon light, fluorescent, searchlight, liquid crystal lamp; light used in the vehicles; emergency light, light tubes for flashlight, automatic lighting devices used in power tractor, discharge lamp for lighting; illumination for lighting, vehicle light, fog light, direction indicator lamp
TM00065AU	LUMA	Australia	11	ORD	1094282	04 Apr 2007	Registered	1094282	11 Jan 2006				11 Jan 2006	E-con-light, LLC	Lighting	11 Int.	11 Int. HID (high intensity discharge) lamps and ballasts for commercial and industrial electrical lighting fixtures
TM00065CA	LUMA	Canada	9, 11	ORD	346521	14 Oct 1988	Registered	0542558	22 Apr 1987			Word	14 Oct 1988	E-con-light, LLC	Lighting	11 Nat.	11 Nat. Electrical lighting fixtures
TM00065EU	LUMA	European Union (Community)	11	ORD	004863271	22 Feb 2007	Registered	004863271	27 Jan 2006			Word	27 Jan 2006	E-con-light, LLC	Lighting	11 Int.	11 Int. HID lamps and ballasts, for commercial and industrial electrical lighting fixtures and fittings
TM00065NZ	LUMA	New Zealand	11	ORD	741304	15 Mar 2007	Registered	741304	11 Jan 2006				11 Jan 2006	E-con-light, LLC	Lighting	11 Int.	11 Int. HID (high intensity discharge) lamps and ballasts for commercial and industrial electrical lighting fixtures
TM00065UK	LUMA	United Kingdom	11	ORD	00904863271	22 Feb 2007	Registered	004863271	27 Jan 2006			Word	27 Jan 2006	E-con-light, LLC	Lighting	11 Int.	11 Int. HID lamps and ballasts, for commercial and industrial electrical lighting fixtures and fittings
TM00065US	LUMA	United States of America	9, 11	PRI	320964	13 Feb 2007	Registered	78563388	09 Mar 2005			Word	13 Feb 2007	E-con-light, LLC	Lighting	09 Int., 11 Int.	09 Int. Ballasts for commercial and industrial electrical lighting fixtures; 11 Int. HID lamps for commercial and industrial electrical lighting fixtures
TM00065US2	LUMA	United States of America	11	ORD	4352069	18 Jun 2013	Registered	8572963	07 Sep 2012				18 Jun 2013	E-con-light, LLC	Lighting	11 Int.	11 Int. LED lamps
TM00065US3	LUMA	United States of America	11	PRI	1317965	05 Feb 1985	Registered	73402745	13 Jan 1984			Word	05 Feb 1985	E-con-light, LLC	Lighting	11 Int.	11 Int. Electrical lighting fixtures

LUMA

LUMA

TM001170A	MICROMARKING	Canada	11	ORD	90487	29 Dec 2015	Registered	1607625	20 Dec 2012			29 Dec 2015	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. LED light emitting diode lighting fixtures, lighting fixtures
TM001170N	MICROMARKING	China (People's Republic)	11	ORD	11922756	07 Jun 2014	Registered	11922756	20 Dec 2012			07 Jun 2014	Owe, Inc.	Lighting	11 Int.	11 Int. LED light emitting diode lighting fixtures, lighting fixtures
TM00117EU	MICROMARKING	European Union (Community)	11	ORD	01443485	01 May 2013	Registered	01443485	20 Dec 2012			01 May 2013	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. LED light emitting diode lighting fixtures, lighting fixtures
TM00117MX	MICROMARKING	Mexico	11	ORD	1368865	07 Jan 2013	Registered	1337478	07 Jan 2013			21 May 2013	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. LED light emitting diode, apparatus for lighting, lighting apparatus
TM00117UK	MICROMARKING	United Kingdom	11	ORD	00911443488	01 May 2013	Registered	011443488	20 Dec 2012			01 May 2013	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. LED light emitting diode lighting fixtures, lighting fixtures
TM00117US	MICROMARKING	United States of America	11	PRI	4625351	21 Oct 2014	Registered	85659176	22 Jun 2012			21 Oct 2014	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. LED light emitting diode lighting fixtures, lighting fixtures
TM10AE	NANOCOMFORT	United Arab Emirates		ORD			Pending	97483466	09 Aug 2022		Word	30 Jun 2022		Lighting		
TM10CA	NANOCOMFORT	Canada		ORD			Pending	97483466	09 Aug 2022		Word	30 Jun 2022		Lighting		
TM10CR	NANOCOMFORT	Costa Rica		ORD	310599	22 Dec 2022	Registered	2022-7732	05 Sep 2022			Word	14 Jun 2023		Lighting	
TM10EU	NANOCOMFORT	European Union (Community)		ORD	189400	01 Feb 2023	Registered	97483466	09 Aug 2022		Word	04 Oct 2022	Word	01 Feb 2023		Lighting
TM10MX	NANOCOMFORT	Mexico		ORD			Pending	97483466	09 Aug 2022		Word	30 Jun 2022		Lighting		
TM10US	NANOCOMFORT	United States of America		ORD			Published	97483466	30 Jun 2022	22065	Word	06 Jun 2023	Word	06 Jun 2023		Lighting
TMR006AE	NANOCOPTIC	United Arab Emirates	11	ORD	140050	04 May 2010	Registered	140050	04 May 2010			04 May 2010	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electrical lighting fixtures using LEDs, namely, area lights, canopy lights, street lights, parking lot lights, wall mounted lights and walkway lights.
TMR006AE2	NANOCOPTIC	United Arab Emirates	11	ORD	335743	17 Dec 2020	Registered	335743	16 Sep 2020	14680	Word	29 Oct 2020	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electrical lighting fixtures using LEDs, namely, area lights, canopy lights, street lights, parking lot lights, wall mounted lights and walkway lights.
TMR006AR	NANOCOPTIC	Argentina	11	ORD	2501833/3114363	04 May 2012	Registered	2972863	19 Jun 2010			04 May 2012	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electrical lighting fixtures using LEDs, namely, area lights, canopy lights, street lights, parking lot lights, wall mounted lights and walkway lights.
TMR006AU	NANOCOPTIC	Australia	11	ORD	1303993	19 Feb 2010	Registered	1303993	10 Jun 2009			10 Jun 2009	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electrical lighting fixtures using LEDs, namely, area lights, canopy lights, street lights, parking lot lights, wall mounted lights and walkway lights.
TMR006BR	NANOCOPTIC	Brazil	11	ORD	830487204	19 Aug 2014	Registered	830487204	29 Dec 2009			19 Aug 2014	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electrical lighting fixtures using LEDs, namely, area lights, canopy lights, street lights, parking lot lights, wall mounted lights and walkway lights.
TMR006BX	NANOCOPTIC	Belarus	11	ORD	0897028	10 Jun 2011	Registered	1219938	25 Feb 2011			25 Feb 2011	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electrical lighting fixtures using LEDs, namely, area lights, canopy lights, street lights, parking lot lights, wall mounted lights and walkway lights.
TMR006CA	NANOCOPTIC	Canada	11	ORD	750108	19 Oct 2010	Registered	1441359	12 Jun 2009			19 Oct 2010	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electrical lighting fixtures using LEDs, namely, area lights, canopy lights, street lights, parking lot lights, wall mounted lights and walkway lights.
TMR006CO	NANOCOPTIC	Colombia	11	ORD	410663	21 Sep 2010	Registered	09147271	23 Dec 2009			21 Sep 2010	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electrical lighting fixtures using LEDs, namely, area lights, canopy lights, street lights, parking lot lights, wall mounted lights and walkway lights.
TMR006ES	NANOCOPTIC	Spain	11	ORD	2971362	25 Feb 2011	Registered	2971362	25 Feb 2011			25 Feb 2011	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electrical lighting fixtures using LEDs, namely, area lights, canopy lights, street lights, parking lot lights, wall mounted lights and walkway lights.
TMR006FR	NANOCOPTIC	France	11	ORD	11307088	16 Feb 2011	Registered	11307088	16 Feb 2011			16 Feb 2011	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electrical lighting fixtures using LEDs, namely, area lights, canopy lights, street lights, parking lot lights, wall mounted lights and walkway lights.
TMR006GH	NANOCOPTIC	Ghana	11	ORD			Pending	005812011	17 May 2011			17 May 2011	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electrical lighting fixtures using LEDs, namely, area lights, canopy lights, street lights, parking lot lights, wall mounted lights and walkway lights.
TMR006GT	NANOCOPTIC	Guatemala	11	ORD	183719	19 Jun 2012	Registered	878709	23 Dec 2009			19 Jun 2012	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electrical lighting fixtures using LEDs, namely, area lights, canopy lights, street lights, parking lot lights, wall mounted lights and walkway lights.

TMR0266HK	NANOPTIC	Hong Kong	11	ORD	301558021	23 Dec 2009	Registered	301558021	23 Dec 2009			23 Dec 2009	Cwe, Inc.	Lighting	11 int.	11 int. Electrical lighting fixtures using LEDs, namely, area lights, canopy lights, street lights, parking lot lights, wall mounted lights and walkway lights.
TMR0266IL	NANOPTIC	Israel	11	ORD	255855	23 Dec 2009	Registered	255855	23 Dec 2009			23 Dec 2009	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Electrical lighting fixtures using LEDs, namely, area lights, canopy lights, street lights, parking lot lights, wall mounted lights and walkway lights.
TMR0266IN	NANOPTIC	India	11	ORD	1831160	19 Jun 2009	Registered	1831160	19 Jun 2009			19 Jun 2009	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Electrical lighting fixtures using LEDs, namely, area lights, canopy lights, street lights, parking lot lights, wall mounted lights and walkway lights.
TMR0266IT	NANOPTIC	Italy	11	ORD	140557	28 Feb 2011	Registered	2011002068	28 Feb 2011			28 Feb 2011	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Electrical lighting fixtures using LEDs, namely, area lights, canopy lights, street lights, parking lot lights, wall mounted lights and walkway lights.
TMR0266JO	NANOPTIC	Jordan	11	ORD	105505	09 Aug 2011	Registered	120019	09 Aug 2011			27 Jul 2011	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Electrical lighting fixtures using LEDs, namely, area lights, canopy lights, street lights, parking lot lights, wall mounted lights and walkway lights.
TMR0266KW	NANOPTIC	Kuwait	11	ORD	105505	27 Jul 2011	Registered	122641	27 Jul 2011			27 Jul 2011	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Electrical lighting fixtures using LEDs, namely, area lights, canopy lights, street lights, parking lot lights, wall mounted lights and walkway lights.
TMR0266LB	NANOPTIC	Lebanon	11	ORD	135547	17 May 2011	Registered	4048	12 May 2011			17 May 2011	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Electrical lighting fixtures using LEDs, namely, area lights, canopy lights, street lights, parking lot lights, wall mounted lights and walkway lights.
TMR0266MX	NANOPTIC	Mexico	11	ORD	1181663	07 Jan 2010	Registered	1057679	07 Jan 2010			07 Jan 2010	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Electrical lighting fixtures using LEDs, namely, area lights, canopy lights, street lights, parking lot lights, wall mounted lights and walkway lights.
TMR0266MY	NANOPTIC	Malaysia	11	ORD	201000063	05 Jan 2010	Registered	201000063	05 Jan 2010			05 Jan 2010	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Electrical lighting fixtures using LEDs, namely, area lights, canopy lights, street lights, parking lot lights, wall mounted lights and walkway lights.
TMR0266NZ	NANOPTIC	New Zealand	11	ORD	807792	10 Jun 2009	Registered	807792	10 Jun 2009			10 Jun 2009	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Electrical lighting fixtures using LEDs, namely, area lights, canopy lights, street lights, parking lot lights, wall mounted lights and walkway lights.
TMR0266PA	NANOPTIC	Panama	11	ORD	2025501	22 Jul 2011	Registered	202550	22 Jul 2011			22 Jul 2011	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Electrical lighting fixtures using LEDs, namely, area lights, canopy lights, street lights, parking lot lights, wall mounted lights and walkway lights.
TMR0266PH	NANOPTIC	Philippines	11	ORD	4201050016	11 Jun 2010	Registered	4201050016	08 Jun 2010			11 Jun 2010	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Electrical lighting fixtures using LEDs, namely, area lights, canopy lights, street lights, parking lot lights, wall mounted lights and walkway lights.
TMR0266QA	NANOPTIC	Qatar	11	ORD	81586	07 Apr 2010	Registered	81586	07 Apr 2010			07 Apr 2010	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Electrical lighting fixtures using LEDs, namely, area lights, canopy lights, street lights, parking lot lights, wall mounted lights and walkway lights.
TMR0266SA	NANOPTIC	Saudi Arabia	11	ORD	14328368	16 Mar 2013	Registered		10 Jun 2011			16 Mar 2013	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Electrical lighting fixtures using LEDs, namely, area lights, canopy lights, street lights, parking lot lights, wall mounted lights and walkway lights.
TMR0266SG	NANOPTIC	Singapore	11	MPR	1009487	12 Jun 2009	Registered	09098981	23 Jun 2009			23 Jun 2009	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Electrical lighting fixtures using LEDs, namely, area lights, canopy lights, street lights, parking lot lights, wall mounted lights and walkway lights.
TMR0266US	NANOPTIC	United States of America	11	PRI	3670657	18 Aug 2009	Registered	77527421	21 Jul 2008			18 Aug 2009	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Electrical lighting fixtures using LEDs, namely, area lights, canopy lights, street lights, parking lot lights, wall mounted lights and walkway lights.
TMR0266VE	NANOPTIC	Venezuela	11	ORD	324565	18 Dec 2012	Registered	84710	22 Jan 2010			18 Dec 2012	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Electrical lighting fixtures using LEDs, namely, area lights, canopy lights, street lights, parking lot lights, wall mounted lights and walkway lights.
TMR0266VN	NANOPTIC	Vietnam		ORD			Pending	4201128369	28 Apr 2011			28 Apr 2011	Cwe, Inc.	Lighting	11 int.	11 int. Electrical lighting fixtures using LEDs, namely, area lights, canopy lights, street lights, parking lot lights, wall mounted lights and walkway lights.
TMR0267CH	NANOPTIC & Design	Switzerland		ORD	621648	20 Oct 2011	Registered	519130011	18 Feb 2011			20 Oct 2011	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Electrical lighting fixtures using LEDs, namely, area lights, canopy lights, street lights, parking lot lights, wall mounted lights and walkway lights.
TMR0267GB	NANOPTIC & Design	United Kingdom	11	ORD	2601530	16 Nov 2011	Registered	2601533	16 Nov 2011			16 Nov 2011	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Electrical lighting fixtures using LEDs, namely, area lights, canopy lights, street lights, parking lot lights, wall mounted lights and walkway lights.
TMR0267JO	NANOPTIC & Design	Jordan		ORD	120019	09 Aug 2011	Registered	120019	09 Aug 2011			09 Aug 2011	Cwe, Inc.	Lighting	11 int.	11 int. Electrical lighting fixtures using LEDs, namely, area lights, canopy lights, street lights, parking lot lights, wall mounted lights and walkway lights.
TM0218AE	NOCTURA	United Arab Emirates	11	ORD	309159	04 Apr 2019	Registered		04 Apr 2019	Word		04 Apr 2019	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Electrical lighting fixtures, including lighting fixtures using light emitting diodes (LEDs) as the light source, outdoor lighting apparatus, namely floor, area, spot and wallpack lighting.
TM0218AR	NOCTURA	Argentina	11	ORD	305562	29 Jan 2020	Registered		04 Apr 2019	Word		25 Sep 2019	Cwe, Inc.	Lighting	11 int.	11 int. Electrical lighting fixtures, including lighting fixtures using light emitting diodes (LEDs) as the light source, outdoor lighting apparatus, namely floor, area, spot and wallpack lighting.
TM0218AU	NOCTURA	Australia	11	ORD		24 Feb 2020	Registered	1474255	02 Apr 2019	Word		16 Dec 2019	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Electrical lighting fixtures, including lighting fixtures using light emitting diodes (LEDs) as the light source, outdoor lighting apparatus, namely floor, area, spot and wallpack lighting.

TM001985R	NOCTURA	Brazil	11	ORD	917056159	26 Nov 2019	Registered		04 Apr 2019		Word	26 Nov 2019	IDEAL Industrie Lighting LLC	Lighting	11 int.	11 int. Electrical lighting fixtures, including lighting fixtures using light emitting diodes (LEDs) as the light source, outdoor lighting apparatus, namely flood, area, spot and wallpack lighting.	NOCTURA
TM001985A	NOCTURA	Canada	11	ORD	1954503	29 Mar 2019	Published	1954503	vo70 3564 pg 25	15 Feb 2023	Word	15 Feb 2023	IDEAL Industrie Lighting LLC	Lighting	11 int.	11 int. Electrical lighting fixtures, including lighting fixtures using light emitting diodes (LEDs) as the light source, outdoor lighting apparatus, namely flood, area, spot and wallpack lighting.	NOCTURA
TM001985C	NOCTURA	China (People's Republic)	11	ORD	1474355	02 Apr 2019	Pending	1474355			Word	02 Apr 2019	IDEAL Industrie Lighting LLC	Lighting	11 int.	11 int. Electrical lighting fixtures, including lighting fixtures using light emitting diodes (LEDs) as the light source, outdoor lighting apparatus, namely flood, area, spot and wallpack lighting.	NOCTURA
TM001985Q	NOCTURA	China (People's Republic)	11	ORD	51044477	07 Jul 2021	Registered	51044477		06 Apr 2021	Word	07 Jul 2021	IDEAL Industrie Lighting LLC	Lighting	11 int.	11 int. Electrical lighting fixtures, including lighting fixtures using light emitting diodes (LEDs) as the light source, outdoor lighting apparatus, namely flood, area, spot and wallpack lighting.	NOCTURA
TM001985O	NOCTURA	Colombia	11	ORD	1474355	02 Apr 2019	Registered	1474355			Word	02 Apr 2019	IDEAL Industrie Lighting LLC	Lighting	11 int.	11 int. Electrical lighting fixtures, including lighting fixtures using light emitting diodes (LEDs) as the light source, outdoor lighting apparatus, namely flood, area, spot and wallpack lighting.	NOCTURA
TM001985R	NOCTURA	Costa Rica	11	ORD	284460	26 Nov 2019	Registered	012019003030	04 Apr 2019		Word	26 Nov 2019	IDEAL Industrie Lighting LLC	Lighting	11 int.	11 int. Electrical lighting fixtures, including lighting fixtures using light emitting diodes (LEDs) as the light source, outdoor lighting apparatus, namely flood, area, spot and wallpack lighting.	NOCTURA
TM001985D	NOCTURA	Dominican Republic	11	ORD	261198	30 Aug 2019	Registered	201914851	04 Apr 2019		Word	30 Aug 2019	IDEAL Industrie Lighting LLC	Lighting	11 int.	11 int. Electrical lighting fixtures, including lighting fixtures using light emitting diodes (LEDs) as the light source, outdoor lighting apparatus, namely flood, area, spot and wallpack lighting.	NOCTURA
TM001985C	NOCTURA	Ecuador	11	ORD	202626054	26 Jul 2019	Registered	201923884	04 Apr 2019		Word	26 Jul 2019	IDEAL Industrie Lighting LLC	Lighting	11 int.	11 int. Electrical lighting fixtures, including lighting fixtures using light emitting diodes (LEDs) as the light source, outdoor lighting apparatus, namely flood, area, spot and wallpack lighting.	NOCTURA
TM001985J	NOCTURA	European Union (Community)	11	ORD	1474355	29 Nov 2019	Registered	1474355		27 Jun 2019	Word	29 Nov 2019	IDEAL Industrie Lighting LLC	Lighting	11 int.	11 int. Electrical lighting fixtures, including lighting fixtures using light emitting diodes (LEDs) as the light source, outdoor lighting apparatus, namely flood, area, spot and wallpack lighting.	NOCTURA
TM001985B	NOCTURA	United Kingdom	11	ORD	1474355	11 Sep 2019	Registered	1474355			Word	11 Sep 2019	IDEAL Industrie Lighting LLC	Lighting	11 int.	11 int. Electrical lighting fixtures, including lighting fixtures using light emitting diodes (LEDs) as the light source, outdoor lighting apparatus, namely flood, area, spot and wallpack lighting.	NOCTURA
TM001985T	NOCTURA	Guatemala	11	ORD	248524	10 Jan 2020	Registered	201900234	04 Apr 2019	18 Sep 2019	Word	10 Jan 2020	IDEAL Industrie Lighting LLC	Lighting	11 int.	11 int. Electrical lighting fixtures, including lighting fixtures using light emitting diodes (LEDs) as the light source, outdoor lighting apparatus, namely flood, area, spot and wallpack lighting.	NOCTURA
TM001985K	NOCTURA	Hong Kong	11	ORD	304874833	29 Mar 2019	Registered		29 Mar 2019	19 Jul 2019	Word	29 Mar 2019	IDEAL Industrie Lighting LLC	Lighting	11 int.	11 int. Electrical lighting fixtures, including lighting fixtures using light emitting diodes (LEDs) as the light source, outdoor lighting apparatus, namely flood, area, spot and wallpack lighting.	NOCTURA
TM001985H	NOCTURA	Honduras	11	ORD	151219	04 Apr 2019	Pending	151219			Word	04 Oct 2018	IDEAL Industrie Lighting LLC	Lighting	11 int.	11 int. Electrical lighting fixtures, including lighting fixtures using light emitting diodes (LEDs) as the light source, outdoor lighting apparatus, namely flood, area, spot and wallpack lighting.	NOCTURA
TM001985M	NOCTURA	Jamaica	11	ORD	77361	04 Apr 2019	Registered	077361	04 Apr 2019	30 Sep 2019	Word	04 Apr 2019	IDEAL Industrie Lighting LLC	Lighting	11 int.	11 int. Electrical lighting fixtures, including lighting fixtures using light emitting diodes (LEDs) as the light source, outdoor lighting apparatus, namely flood, area, spot and wallpack lighting.	NOCTURA
TM001985R	NOCTURA	Korea, Republic of	11	ORD	1474355	02 Apr 2019	Registered	1474355	02 Apr 2019		Word	02 Apr 2019	IDEAL Industrie Lighting LLC	Lighting	11 int.	11 int. Electrical lighting fixtures, including lighting fixtures using light emitting diodes (LEDs) as the light source, outdoor lighting apparatus, namely flood, area, spot and wallpack lighting.	NOCTURA
TM001985A	NOCTURA	Morocco	11	ORD	1474355	02 Apr 2019	Registered	1474355	02 Apr 2019		Word	02 Apr 2019	IDEAL Industrie Lighting LLC	Lighting	11 int.	11 int. Electrical lighting fixtures, including lighting fixtures using light emitting diodes (LEDs) as the light source, outdoor lighting apparatus, namely flood, area, spot and wallpack lighting.	NOCTURA
TM001985X	NOCTURA	Mexico	11	ORD	2198207	11 Jan 2021	Registered	1474355	02 Apr 2019		Word	11 Jan 2021	IDEAL Industrie Lighting LLC	Lighting	11 int.	11 int. Electrical lighting fixtures, including lighting fixtures using light emitting diodes (LEDs) as the light source, outdoor lighting apparatus, namely flood, area, spot and wallpack lighting.	NOCTURA
TM001985Z	NOCTURA	New Zealand	11	ORD	147255	30 Oct 2019	Registered	147255	02 Apr 2019	26 Jul 2019	Word	30 Oct 2019	IDEAL Industrie Lighting LLC	Lighting	11 int.	11 int. Electrical lighting fixtures, including lighting fixtures using light emitting diodes (LEDs) as the light source, outdoor lighting apparatus, namely flood, area, spot and wallpack lighting.	NOCTURA
TM001985P	NOCTURA	Panama	11	ORD	27286001	04 Apr 2019	Registered	27286001	04 Apr 2019	18 Jun 2019	Word	04 Apr 2019	IDEAL Industrie Lighting LLC	Lighting	11 int.	11 int. Electrical lighting fixtures, including lighting fixtures using light emitting diodes (LEDs) as the light source, outdoor lighting apparatus, namely flood, area, spot and wallpack lighting.	NOCTURA
TM001985G	NOCTURA	Singapore	11	ORD	40201914054	27 Dec 2019	Registered	1474355	02 Apr 2019	18 Oct 2019	Word	27 Dec 2019	IDEAL Industrie Lighting LLC	Lighting	11 int.	11 int. Electrical lighting fixtures, including lighting fixtures using light emitting diodes (LEDs) as the light source, outdoor lighting apparatus, namely flood, area, spot and wallpack lighting.	NOCTURA
TM001985S	NOCTURA	United States of America	11	PRI	5805589	16 Jul 2019	Registered	88143403	04 Oct 2018		Word	16 Jul 2019	IDEAL Industrie Lighting LLC	Lighting	11 int.	11 int. Electrical lighting fixtures, including lighting fixtures using light emitting diodes (LEDs) as the light source, outdoor lighting apparatus, namely flood, area, spot and wallpack lighting.	NOCTURA
TM001985Z	NOCTURA	South Africa	11	ORD	201909415	11 Aug 2021	Registered	201909415	29 Mar 2019		Word	11 Aug 2021	IDEAL Industrie Lighting LLC	Lighting	11 int.	11 int. Electrical lighting fixtures, including lighting fixtures using light emitting diodes (LEDs) as the light source, outdoor lighting apparatus, namely flood, area, spot and wallpack lighting.	NOCTURA
TM08CR	OSQ	Costa Rica		ORD			Published	2023-3532	19 Apr 2023	29 May 2023	Word	29 May 2023		Lighting			OSQ
TM08EU	OSQ	European Union (Community)		ORD			Published	1725215	20 Apr 2023	12 May 2023	Word	12 May 2023		Lighting			OSQ

TM08NZ	OSQ	New Zealand		ORD		Published	1235312			26 May 2023	Word	28 Apr 2023		Lighting				
TM08UK	OSQ	United Kingdom		ORD	172515	11 Jul 2023	Registered				Word	11 Jul 2023		Lighting				
TM08US	OSQ	United States of America		ORD	6.885.038	25 Oct 2022	Registered	9748180	25 May 2022	20143	Word	25 Oct 2022		Lighting				
TM08ZA	OSQ	South Africa		ORD			Pending	2023/09746	13 Apr 2023		Word	13 Apr 2023		Lighting				
TM0988DE	RUUD	Germany	11	ORD	39951850	31 Aug 1999	Registered	39951850	31 Aug 1999			31 Aug 1999	IDEAL Industries Lighting LLC	Lighting	11 Int.		11 Int. Electrical lighting apparatus, namely, lamps and fittings for security lighting, industrial lighting, flood and area lighting, landscape lighting, specialty lighting, track lighting, recessed lighting, and parts therefor.	
TM0988US	RUUD	United States of America	11	PRI	2348413	09 May 2003	Registered	7562592	03 Mar 1999			09 May 2003	IDEAL Industries Lighting LLC	Lighting	11 Int.		11 Int. Electrical lighting apparatus, namely, lamps and fittings for security lighting, industrial lighting, flood and area lighting, landscape lighting, specialty lighting, track lighting, recessed lighting, and parts therefor.	
TM0910AU	RUUD LIGHTING	Australia	11	ORD	1084283	11 Jan 2006	Registered	1084283	11 Jan 2006			11 Jan 2006	IDEAL Industries Lighting LLC	Lighting	11 Int.		11 Int. Electrical lighting fixtures and related parts and accessories.	
TM0910CA	RUUD LIGHTING	Canada	11	ORD	686628	26 Apr 2007	Registered	1285605	10 Jan 2006			26 Apr 2007	IDEAL Industries Lighting LLC	Lighting	11 Nat.		11 Nat. Electrical lighting fixtures and related parts and accessories, namely, adapters, ballasts, ballies, transformers, capacitors, conductors, ballasts, ballies, housings, glow discharge, ground mounts, shades, guards, lighting fibers, covers, lenses, lamps, mounting, jacks, reflecting, reflecting transformer, tracks, wiring kits and guards.	
TM0910CN	RUUD LIGHTING	China (People's Republic)	11	ORD	5148480	20 Mar 2009	Registered	5148480	05 Feb 2008			20 Mar 2009	IDEAL Industries Lighting LLC	Lighting	11 Int.		11 Int. Electrical lighting fixtures, replacement parts for electrical lighting fixtures, component accessories for use in electrical lighting fixtures, namely light diffusing covers and ballasts, lamps, fixture lenses, and anti glare fixture lenses.	
TM0910EU	RUUD LIGHTING	European Union (Community)	11	ORD	004863536	27 Jan 2006	Registered	004863536	27 Jan 2006			27 Jan 2006	IDEAL Industries Lighting LLC	Lighting	11 Int.		11 Int. Electrical lighting fixtures and fittings, parts, components and fittings for the abovesaid goods.	
TM0910NZ	RUUD LIGHTING	New Zealand	11	ORD	741303	11 Jan 2006	Registered	741303	11 Jan 2006			11 Jan 2006	IDEAL Industries Lighting LLC	Lighting	11 Int.		11 Int. Electrical lighting fixtures and related parts and accessories.	
TM0910UK	RUUD LIGHTING	United Kingdom	11	ORD	00904863536	27 Jan 2006	Registered	004863536	27 Jan 2006			27 Jan 2006	IDEAL Industries Lighting LLC	Lighting	11 Int.		11 Int. Electrical lighting fixtures and fittings, parts, components and fittings for the abovesaid goods.	
TM0910US	RUUD LIGHTING	United States of America	11	PRI	3241856	15 May 2007	Registered	78918603	28 Jan 2006			15 May 2007	IDEAL Industries Lighting LLC	Lighting	11 Int.		11 Int. Electrical lighting fixtures, replacement parts for electrical lighting fixtures, component accessories for use in electrical lighting fixtures, namely light diffusing covers and ballasts, lamps, fixture lenses, and anti glare fixture lenses.	
TM0911AU	RUUD LIGHTING & Design	Australia	11	PRI	656447	24 Mar 1995	Registered	656447	24 Mar 1995			24 Mar 1995	IDEAL Industries Lighting LLC	Lighting	11 Int.		11 Int. Lighting apparatus and installations and parts and fittings therefor in this class being goods.	
TM09CA	SAVR & Design (B&W)	Canada	11	ORD			Pending	2045198	12 Aug 2020			24 Feb 2020	IDEAL Industries Lighting LLC	Lighting				
TM09US	SAVR & Design (B&W)	United States of America	11	PRI	6330077	20 Apr 2021	Registered	88908443	24 Feb 2020			23 Jun 2020	IDEAL Industries Lighting LLC					
TM09CA1	SAVR & Design (Black Color)	Canada	11	ORD			Pending	2045218	12 Aug 2020		Logo	24 Feb 2020	IDEAL Industries Lighting LLC					
TM09US1	SAVR & Design (Black Color)	United States of America	11	PRI	6381465	08 Jun 2021	Registered	88908474	24 Feb 2020			23 Jun 2020	IDEAL Industries Lighting LLC					
TM09CA2	SAVR & Design (Color)	Canada	11	ORD			Pending	2045209	24 Feb 2020			24 Feb 2020	IDEAL Industries Lighting LLC					
TM09US2	SAVR & Design (Color)	United States of America	11	PRI	6381465	08 Jun 2021	Registered	88908474	24 Feb 2020			23 Jun 2020	IDEAL Industries Lighting LLC					
TM09CA4	SAVR & Design (white & orange) updated version	Canada	11	ORD			Pending	2127385	16 Aug 2021		Trademark	16 Aug 2021	IDEAL Industries Lighting LLC					
TM09US4	SAVR & Design (white & orange) updated version	United States of America	11	PRI	6616336	18 Jan 2022	Registered	90546706	25 Feb 2021			02 Nov 2021	IDEAL Industries Lighting LLC					
TM0914CA	SHOWS COLORS TRUE AND NATURAL & Design	Canada	11	ORD	975129	06 Jul 2017	Registered	1739994	22 Jun 2015			06 Jul 2017	IDEAL Industries Lighting LLC	Lighting	11 Nat.		11 Nat. LED lamps, light bulbs, lighting fixtures	
TM0914CR	SHOWS COLORS TRUE AND NATURAL & Design	Costa Rica	11	ORD	249030	08 Jan 2016	Registered	20150005903	22 Jun 2015			08 Jan 2016	IDEAL Industries Lighting LLC	Lighting	11 Int.		11 Int. Lamps, Light bulbs, Lighting fixtures	

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TM00146MX	SHOWS COLORS TRUE AND NATURAL & Design	Mexico	11	ORD	157046	07 Sep 2015	Registered	1624650	22 Jun 2015			07 Sep 2015	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Lamps, Light bulbs, Lighting fixtures
TM00146PA	SHOWS COLORS TRUE AND NATURAL & Design	Panama	11	ORD	241932	22 Jun 2015	Registered	241932	22 Jun 2015			12 Apr 2016	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Lamps, Light bulbs, Lighting fixtures
TM00146US	SHOWS COLORS TRUE AND NATURAL & Design	United States of America	11	PRI	465336	03 May 2016	Registered	6648396	22 Dec 2014			03 May 2016	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Lamps, Light bulbs, Lighting fixtures
TM00101US	SLIDEWAYS	United States of America	11	PRI	354547	09 Dec 2008	Registered	7898143	06 Sep 2006			09 Dec 2008	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Recessed lighting fixtures
TM00132AR	SMARTCAST	Argentina	9	ORD	267731	09 Sep 2014	Registered	3265941	26 Jul 2013			09 Sep 2014	IDEAL Industries Lighting LLC	Lighting	09 int.	09 int. Apparatus and instruments for conducting, switching, transforming, accumulating, regulating or controlling electricity, electric switches, electric controllers, electric circuitry and electric components for lighting, lighting controllers
TM00132AR2	SMARTCAST	Argentina	11	ORD	267732	09 Sep 2014	Registered	3265942	26 Jul 2013			09 Sep 2014	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Apparatus for lighting, light fixtures, flashlights, LED light emitting diode lighting fixtures, light bulbs, spotlights, incandescent burners, parts and accessories thereto
TM00132AU	SMARTCAST	Australia	9/11	PRI	155710	18 Dec 2013	Registered	155710	17 May 2013			18 Dec 2013	IDEAL Industries Lighting LLC	Lighting	09 int., 11 int.	09 int. Apparatus and instruments for conducting, switching, transforming, accumulating, regulating or controlling electricity, electric switches, electric controllers, electric circuitry and electric components for lighting, lighting controllers; 11 int. Apparatus for lighting, light fixtures, flashlights, LED light emitting diode lighting fixtures, light bulbs, spotlights, incandescent burners, parts and accessories thereto
TM00132BR	SMARTCAST	Brazil	9	ORD	840593406	24 May 2016	Registered	840593406	30 Jul 2013			24 May 2016	IDEAL Industries Lighting LLC	Lighting	09 int.	09 int. Apparatus and instruments for conducting, switching, transforming, accumulating, regulating or controlling electricity, electric switches, electric controllers, electric circuitry and electric components for lighting, lighting controllers
TM00132BR2	SMARTCAST	Brazil	11	ORD	840593390	24 May 2016	Registered	840593390	30 Jul 2013			24 May 2016	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Apparatus for lighting, light fixtures, flashlights, LED light emitting diode lighting fixtures, light bulbs, spotlights, incandescent burners, parts and accessories thereto
TM00132CA	SMARTCAST	Canada	9/11	ORD	1020464	24 May 2019	Registered	1627758	22 May 2013		Word	24 May 2019	IDEAL Industries Lighting LLC	Lighting	09 Nat., 11 Nat.	09 Nat. Apparatus and instruments for conducting, switching, transforming, accumulating, regulating or controlling electricity, electric switches, electric controllers, electric circuitry and electric components for lighting, lighting controllers; 11 Nat. Apparatus for lighting, light fixtures, flashlights, LED light emitting diode lighting fixtures, light bulbs, spotlights, incandescent burners, parts and accessories thereto
TM00132CL	SMARTCAST	Chile	9/11	ORD	1100287	26 May 2014	Registered	1088571	29 Jul 2013			26 May 2014	IDEAL Industries Lighting LLC	Lighting	09 int., 11 int.	09 int. Apparatus and instruments for conducting, switching, transforming, accumulating, regulating or controlling electricity, electric switches, electric controllers, electric circuitry and electric components for lighting, lighting controllers; 11 int. Apparatus for lighting, light fixtures, flashlights, LED light emitting diode lighting fixtures, light bulbs, spotlights, incandescent burners, parts and accessories thereto
TM00132CN	SMARTCAST	China (People's Republic)	11	MPI	1174915		Registered	1174915	19 Sep 2013			23 Jan 2020	IDEAL Industries Lighting LLC	Lighting	09 int., 11 int.	09 int. Apparatus and instruments for conducting, switching, transforming, accumulating, regulating or controlling electricity, electric switches, electric controllers, electric circuitry and electric components for lighting, lighting controllers; 11 int. Apparatus for lighting, light fixtures, flashlights, LED light emitting diode lighting fixtures, light bulbs, spotlights, incandescent burners, parts and accessories thereto
TM00132EC	SMARTCAST	European Union (Community)	9/11	MPI	1174915	08 Aug 2019	Registered	1174915	24 Jul 2013			24 Jul 2013	IDEAL Industries Lighting LLC	Lighting	09 int., 11 int.	09 int. Apparatus and instruments for conducting, switching, transforming, accumulating, regulating or controlling electricity, electric switches, electric controllers, electric circuitry and electric components for lighting, lighting controllers; 11 int. Apparatus for lighting, light fixtures, flashlights, LED light emitting diode lighting fixtures, light bulbs, spotlights, incandescent burners, parts and accessories thereto
TM00132HK	SMARTCAST	Hong Kong	9/11	ORD	30293005	17 Feb 2015	Registered	30293005	02 May 2014			17 Feb 2015	IDEAL Industries Lighting LLC	Lighting	09 int., 11 int.	09 int. Apparatus and instruments for conducting, switching, transforming, accumulating, regulating or controlling electricity, electrical integrated control systems for use in the fields of lighting, LED lighting and security, electric switches, electric controllers, electric circuitry, namely, electric circuit, electric circuit boards, electric circuitry, electric circuit switches, electric components for lighting, namely electrical lighting controllers, electric light fixtures, electric lighting fixtures, light bulbs, spotlights, incandescent burners, parts and accessories thereto
TM00132JP	SMARTCAST	Japan	9/11	MPI	1174915	29 May 2014	Registered	1174915	24 Jul 2013			24 Jul 2013	IDEAL Industries Lighting LLC	Lighting	09 int., 11 int.	09 int. Apparatus and instruments for conducting, switching, transforming, accumulating, regulating or controlling electricity, electric switches, electric controllers, electric circuitry and electric components for lighting, lighting controllers; 11 int. Apparatus for lighting, light fixtures, flashlights, LED light emitting diode lighting fixtures, light bulbs, spotlights, incandescent burners, parts and accessories thereto
TM00132KR	SMARTCAST	Korea, Republic of	11	MPI	1174915	21 Nov 2016	Registered	1174915	24 Jul 2013			24 Jul 2013	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Apparatus for lighting, light fixtures, flashlights, LED light emitting diode lighting fixtures, light bulbs, spotlights, incandescent burners, parts and accessories thereto
TM00132KR	SMARTCAST	Korea, Republic of	9	MPI	401132111	12 Oct 2015	Registered	4020140074	24 Jul 2014			24 Jul 2013	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Apparatus for lighting, light fixtures, flashlights, LED light emitting diode lighting fixtures, light bulbs, spotlights, incandescent burners, parts and accessories thereto
TM00132KR2	SMARTCAST	Korea, Republic of	11	ORD	1174915	21 Nov 2016	Registered	1174915	24 Jul 2014			12 Oct 2015	IDEAL Industries Lighting LLC	Lighting	09 int.	09 int.
TM00132MX	SMARTCAST	Mexico	11	MPI	1520612	10 Mar 2015	Registered	1174915	24 Jul 2013			24 Jul 2013	IDEAL Industries Lighting LLC	Lighting	09 int., 11 int.	09 int. Apparatus and instruments for conducting, switching, transforming, accumulating, regulating or controlling electricity, electric switches, electric controllers, electric circuitry and electric components for lighting, lighting controllers; 11 int. Apparatus for lighting, light fixtures, flashlights, LED light emitting diode lighting fixtures, light bulbs, spotlights, incandescent burners, parts and accessories thereto
TM00132MX	SMARTCAST	Mexico	9	MPI	1520611	10 Mar 2015	Registered	1174915	24 Jul 2013			24 Jul 2013	IDEAL Industries Lighting LLC	Lighting	09 int., 11 int.	09 int. Apparatus and instruments for conducting, switching, transforming, accumulating, regulating or controlling electricity, electric switches, electric controllers, electric circuitry and electric components for lighting, lighting controllers; 11 int. Apparatus for lighting, light fixtures, flashlights, LED light emitting diode lighting fixtures, light bulbs, spotlights, incandescent burners, parts and accessories thereto
TM00132PW	SMARTCAST	WI Registration - Madrid Agreement / Protocol		ORD	1174915	24 Jul 2013	Registered	IR1174915	24 Jul 2013			24 Jul 2013	One, Inc.	Lighting	09 int., 11 int.	09 int. Apparatus and instruments for conducting, switching, transforming, accumulating, regulating or controlling electricity, electric switches, electric controllers, electric circuitry and electric components for lighting, lighting controllers; 11 int. Apparatus for lighting, light fixtures, flashlights, LED light emitting diode lighting fixtures, light bulbs, spotlights, incandescent burners, parts and accessories thereto
TM00132RU	SMARTCAST	Russian Federation	9/11	MPI	1174915	18 Sep 2014	Registered	1174915	24 Jul 2013			24 Jul 2013	IDEAL Industries Lighting LLC	Lighting	09 int., 11 int.	09 int. Apparatus and instruments for conducting, switching, transforming, accumulating, regulating or controlling electricity, electric switches, electric controllers, electric circuitry and electric components for lighting, lighting controllers; 11 int. Apparatus for lighting, light fixtures, flashlights, LED light emitting diode lighting fixtures, light bulbs, spotlights, incandescent burners, parts and accessories thereto
TM00132TH	SMARTCAST	Thailand	9	ORD	423462	15 Jul 2016	Registered	936783	16 May 2014			15 Jul 2016	IDEAL Industries Lighting LLC	Lighting	09 int.	09 int. Apparatus and instruments for conducting, switching, transforming, accumulating, regulating or controlling electricity, electrical integrated control systems for use in the fields of lighting, LED lighting and security, electric switches, electric controllers, electric circuitry, namely, electric circuit, electric circuit boards, electric circuitry, electric circuit switches, electric components for lighting, namely electrical lighting controllers, electric light fixtures, electric lighting fixtures, light bulbs, spotlights, incandescent burners, parts and accessories thereto

TRADEMARK

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















TM0312MX	SMARTCAST INTELLIGENCE PLATFORM	Mexico	11	ORD	198552	29 Nov 2018	Registered	2137076	29 Nov 2018		Word	29 Nov 2018	IDEAL Industrie Lighting LLC	Lighting	42 Int.	42 Int. Application service provider building application programming interface (API) software for controlling lighting and lighting color, sensing and recording building occupancy, sensing and recording patterns of motion, sensing and recording surrounding ambient light, sensing and recording surrounding ambient light, detecting and recording power consumption, monitoring real-time system health, detecting performance levels, maintaining software releases, and sharing data with third party apps and platforms. Application service
TM0312MX	SMARTCAST INTELLIGENCE PLATFORM	Mexico	42	ORD	1976464	29 Nov 2018	Registered	2137078	29 Nov 2018		Word	29 Nov 2018	IDEAL Industrie Lighting LLC	Lighting	42 Int.	42 Int. Application service provider building application programming interface (API) software for controlling lighting and lighting color, sensing and recording building occupancy, sensing and recording patterns of motion, sensing and recording surrounding ambient light, sensing and recording surrounding ambient light, detecting and recording power consumption, monitoring real-time system health, detecting performance levels, maintaining software releases, and sharing data with third party apps and platforms. Application service
TM0312MX	SMARTCAST INTELLIGENCE PLATFORM	Mexico	9	ORD	198551	29 Nov 2018	Registered	2137075	29 Nov 2018		Word	29 Nov 2018	IDEAL Industrie Lighting LLC	Lighting	42 Int.	42 Int. Application service provider building application programming interface (API) software for controlling lighting and lighting color, sensing and recording building occupancy, sensing and recording patterns of motion, sensing and recording surrounding ambient light, sensing and recording surrounding ambient light, detecting and recording power consumption, monitoring real-time system health, detecting performance levels, maintaining software releases, and sharing data with third party apps and platforms. Application service
TM0312UK	SMARTCAST INTELLIGENCE PLATFORM	United Kingdom	9 11 42	ORD	00917993236	23 May 2019	Registered	017993236	29 Nov 2018		Word	29 Nov 2018	IDEAL Industrie Lighting LLC	Lighting	09 Int., 11 Int., 42 Int.	09 Int. Electrical integrated control systems for use in the field of lighting, LED lights, and security electric switches, electrical controllers, electronic circuits and electric components for lighting, namely, electrical lighting controllers, electric light dimmers, sensors, electric transformers and accessories for lighting; wireless remote controls for lighting; calibration equipment, namely, sensors and electrical controllers for lighting; power supplies, electronic driver circuits, modules, and accessories.
TM0312US	SMARTCAST INTELLIGENCE PLATFORM	United States of America	9 11 42	PRI			Published	87941551	30 May 2018		Word	14 May 2019	IDEAL Industrie Lighting LLC	Lighting	09 Int., 11 Int., 42 Int.	09 Int. Electrical integrated control systems for use in the field of lighting, LED lights, and security electric switches, electrical controllers, electronic circuits and electric components for lighting, namely, electrical lighting controllers, electric light dimmers, sensors, electric transformers and accessories for lighting; wireless remote controls for lighting; calibration equipment, namely, sensors and electrical controllers for lighting; power supplies, electronic driver circuits, modules, and accessories.
TM0318CA	SMARTCAST LINK	Canada	9	PRI	1131428	14 Jun 2022	Registered	1933139	29 May 2018	68 3462 287	29 Sep 2021	14 Jun 2022	IDEAL Industrie Lighting LLC	Lighting	09 Int.	09 Int. Computer hardware and software for the monitoring, management, and control of lighting networks.
TM0318EU	SMARTCAST LINK	European Union (Community)	9	PRI	017993244	22 May 2019	Registered	017993244	29 Nov 2018		Word	14 May 2019	IDEAL Industrie Lighting LLC	Lighting	09 Int.	09 Int. Computer hardware and software for the monitoring, management, and control of lighting networks.
TM0318HK	SMARTCAST LINK	Hong Kong	9	ORD	304751866	29 Nov 2018	Registered		29 Nov 2018		Word	14 May 2019	IDEAL Industrie Lighting LLC	Lighting	09 Int.	09 Int. Computer hardware and software for the monitoring, management, and control of lighting networks.
TM0318IL	SMARTCAST LINK	Israel	9	ORD		03 Mar 2020	Registered	311352	29 Nov 2018		Word	03 Mar 2020	IDEAL Industrie Lighting LLC	Lighting	09 Int.	09 Int. Computer hardware and software for the monitoring, management, and control of lighting networks.
TM0318IN	SMARTCAST LINK	India	9	ORD			Pending	4011734	29 Nov 2018		Word	29 Nov 2018	IDEAL Industrie Lighting LLC	Lighting	09 Int.	09 Int. Computer hardware and software for the monitoring, management, and control of lighting networks.
TM0318MX	SMARTCAST LINK	Mexico	9	ORD	1976461	29 Nov 2018	Registered	2137085	29 Nov 2018		Word	29 Nov 2018	IDEAL Industrie Lighting LLC	Lighting		
TM0318TW	SMARTCAST LINK	Taiwan	9	ORD	52007227	01 Sep 2019	Registered	10707209	29 Nov 2018		Word	23 Oct 2018	IDEAL Industrie Lighting LLC	Lighting	09 Int.	09 Int. Computer hardware and software for the monitoring, management, and control of lighting networks.
TM0318UK	SMARTCAST LINK	United Kingdom	9	PRI	00917993244	22 May 2019	Registered	917993244	29 Nov 2018		Word	14 May 2019	IDEAL Industrie Lighting LLC	Lighting	09 Int.	09 Int. Computer hardware and software for the monitoring, management, and control of lighting networks.
TM0318US	SMARTCAST LINK	United States of America	9	PRI	575102	14 May 2019	Registered	87939965	29 May 2018		Word	23 Oct 2018	IDEAL Industrie Lighting LLC	Lighting	09 Int.	09 Int. Computer hardware and software for the monitoring, management, and control of lighting networks.
TM0319CA	SMARTCAST MANAGER	Canada	9	PRI	1.159.756	10 Jun 2023	Registered	1933135	29 Nov 2018	vol 09 no 3542 page	14 Sep 2022	10 Jun 2023	IDEAL Industrie Lighting LLC	Lighting	09 Int.	09 Int. Control software for lighting, downloadable software applications and mobile applications for controlling lighting and lighting color, sensing and recording building occupancy, sensing and recording patterns of motion, sensing and recording surrounding ambient light, detecting and recording power consumption, monitoring real-time system health, detecting performance levels, maintaining software releases, and sharing data with third party apps and platforms.
TM0319EU	SMARTCAST MANAGER	European Union (Community)	9	ORD	017993241	22 Nov 2019	Registered	017993241	29 Nov 2018		Word	29 Nov 2018	IDEAL Industrie Lighting LLC	Lighting	09 Int.	09 Int. Control software for lighting, downloadable software applications and mobile applications for controlling lighting and lighting color, sensing and recording building occupancy, sensing and recording patterns of motion, sensing and recording surrounding ambient light, detecting and recording power consumption, monitoring real-time system health, detecting performance levels, maintaining software releases, and sharing data with third party apps and platforms.
TM0319HK	SMARTCAST MANAGER	Hong Kong	9	ORD	304751875	29 Nov 2018	Registered	304751875	29 Nov 2018		Word	29 Nov 2018	IDEAL Industrie Lighting LLC	Lighting	09 Int.	09 Int. Control software for lighting, downloadable software applications and mobile applications for controlling lighting and lighting color, sensing and recording building occupancy, sensing and recording patterns of motion, sensing and recording surrounding ambient light, detecting and recording power consumption, monitoring real-time system health, detecting performance levels, maintaining software releases, and sharing data with third party apps and platforms.
TM0319IL	SMARTCAST MANAGER	Israel	9	ORD	4011735		Registered	311347	29 Nov 2018		Word	29 Nov 2018	IDEAL Industrie Lighting LLC	Lighting	09 Int.	09 Int. Control software for lighting, downloadable software applications and mobile applications for controlling lighting and lighting color, sensing and recording building occupancy, sensing and recording patterns of motion, sensing and recording surrounding ambient light, detecting and recording power consumption, monitoring real-time system health, detecting performance levels, maintaining software releases, and sharing data with third party apps and platforms.
TM0319IN	SMARTCAST MANAGER	India	9	ORD	4011735	29 Nov 2018	Registered	4011735	29 Nov 2018		Word	29 Nov 2018	IDEAL Industrie Lighting LLC	Lighting	09 Int.	09 Int. Control software for lighting, downloadable software applications and mobile applications for controlling lighting and lighting color, sensing and recording building occupancy, sensing and recording patterns of motion, sensing and recording surrounding ambient light, detecting and recording power consumption, monitoring real-time system health, detecting performance levels, maintaining software releases, and sharing data with third party apps and platforms.
TM0319MX	SMARTCAST MANAGER	Mexico	9	ORD	1976463	29 Nov 2018	Registered	2137078	29 Nov 2018		Word	29 Nov 2018	IDEAL Industrie Lighting LLC	Lighting	09 Int.	09 Int. Control software for lighting, downloadable software applications and mobile applications for controlling lighting and lighting color, sensing and recording building occupancy, sensing and recording patterns of motion, sensing and recording surrounding ambient light, detecting and recording power consumption, monitoring real-time system health, detecting performance levels, maintaining software releases, and sharing data with third party apps and platforms.
TM0319TW	SMARTCAST MANAGER	Taiwan	9	ORD	01960353	16 Jun 2019	Registered	10707207	29 Nov 2018		Word	16 Jun 2019	IDEAL Industrie Lighting LLC	Lighting	09 Int.	09 Int. Control software for lighting, downloadable software applications and mobile applications for controlling lighting and lighting color, sensing and recording building occupancy, sensing and recording patterns of motion, sensing and recording surrounding ambient light, detecting and recording power consumption, monitoring real-time system health, detecting performance levels, maintaining software releases, and sharing data with third party apps and platforms.
TM0319UK	SMARTCAST MANAGER	United Kingdom	9	ORD	00917993241	22 Nov 2019	Registered	017993241	29 Nov 2018		Word	29 Nov 2018	IDEAL Industrie Lighting LLC	Lighting	09 Int.	09 Int. Control software for lighting, downloadable software applications and mobile applications for controlling lighting and lighting color, sensing and recording building occupancy, sensing and recording patterns of motion, sensing and recording surrounding ambient light, detecting and recording power consumption, monitoring real-time system health, detecting performance levels, maintaining software releases, and sharing data with third party apps and platforms.
TM0319US	SMARTCAST MANAGER	United States of America	9	PRI	614607	08 Sep 2020	Registered	87941552	30 May 2018		Word	08 Sep 2020	IDEAL Industrie Lighting LLC	Lighting	09 Int.	09 Int. Control software for lighting, downloadable software applications and mobile applications for controlling lighting and lighting color, sensing and recording building occupancy, sensing and recording patterns of motion, sensing and recording surrounding ambient light, detecting and recording power consumption, monitoring real-time system health, detecting performance levels, maintaining software releases, and sharing data with third party apps and platforms.
TM0321US	SMARTCAST WIRELESS	United States of America		PRI			Published	97048818	28 Sep 2021		Word	09 Aug 2022	IDEAL Industrie Lighting LLC	Lighting		

TM00177662	STYLIZED D DESIGN (Color)	United Kingdom	11	MPP	1389611	29 May 2018	Registered	1389611	08 Nov 2017			08 Nov 2017	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Apparatus for lighting, heating, steam generating, cooling, refrigerating, drying, ventilating, water supply and sanitary purposes.
TM00177662	STYLIZED D DESIGN (Color)	Hong Kong		ORD	304327830	08 Nov 2017	Registered	304327830	08 Nov 2017			08 Nov 2017	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Apparatus for lighting, heating, steam generating, cooling, refrigerating, drying, ventilating, water supply and sanitary purposes.
TM00177692	STYLIZED D DESIGN (Color)	Korea, Republic of	11	MPP	1389611	16 Jan 2019	Registered	1389611	08 Nov 2017			16 Jan 2019	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Apparatus for lighting, heating, steam generating, cooling, refrigerating, drying, ventilating, water supply and sanitary purposes.
TM00177692	STYLIZED D DESIGN (Color)	Mexico	11	MPP	1389611	12 Nov 2018	Registered	1389611	08 Nov 2017			12 Nov 2018	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Apparatus for lighting, heating, steam generating, cooling, refrigerating, drying, ventilating, water supply and sanitary purposes.
TM06CA	STYLUS Linear & Design	Canada	11	PRI			Pending		02 Aug 2021	Logo	02 Aug 2021	IDEAL Industries Lighting LLC	Lighting	11 Int.		11 Int. Electrical lighting fixtures, including lighting fixtures using light emitting diodes (LEDs) as the light source, in-room lighting apparatus, namely, linear, area and spot lighting, in International Class 011.
TM06MX	STYLUS Linear & Design	Mexico	11	PRI			Pending		02 Aug 2021	Logo	02 Feb 2021	IDEAL Industries Lighting LLC	Lighting	11 Int.		11 Int. Electrical lighting fixtures, including lighting fixtures using light emitting diodes (LEDs) as the light source, in-room lighting apparatus, namely, linear, area and spot lighting, in International Class 011.
TM06US	STYLUS Linear & Design	United States of America	11	PRI	6,880,916	18 Oct 2022	Registered	9050338	02 Feb 2021	11-Jan-2022	Logo	18 Oct 2022	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electrical lighting fixtures, including lighting fixtures using light emitting diodes (LEDs) as the light source, in-room lighting apparatus, namely, linear, area and spot lighting, in International Class 011.
TM00209CA	STYLUS	Canada	11	ORD			Pending	1991530	22 Oct 2019	Word	24 Apr 2019			Lighting		
TM00209MX	STYLUS	Mexico	11	ORD			Pending	228834	22 Oct 2019	Word	24 Apr 2019			Lighting		
TM00209US	STYLUS	United States of America	11	PRI			Pending	8839969	24 Apr 2019	Word	24 Apr 2019			Lighting		
TM001270A	THE BIGGEST THING SINCE THE LIGHT BULB	Canada	11	ORD	976287	24 Aug 2017	Registered	1625959	09 May 2013			24 Aug 2017	IDEAL Industries Lighting LLC	Lighting	11 Nat.	11 Nat. Apparatus for lighting; apparatus for LED lighting; LED light emitting diode lighting fixtures; lighting fixtures
TM00127HK	THE BIGGEST THING SINCE THE LIGHT BULB	Hong Kong	11	ORD	302697076	07 Aug 2013	Registered	302697076	07 Aug 2013			19 May 2014	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Apparatus for lighting; apparatus for LED lighting; LED light emitting diode lighting fixtures; lighting fixtures
TM00127JP	THE BIGGEST THING SINCE THE LIGHT BULB	Japan	11	MPP	1175287	09 Aug 2013	Registered	1175287	09 Aug 2013			09 Aug 2013	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Apparatus for lighting; apparatus for LED lighting; LED light emitting diode lighting fixtures; lighting fixtures
TM00127MX	THE BIGGEST THING SINCE THE LIGHT BULB	Mexico	11	ORD	84311	14 May 2013	Registered	82768	14 May 2013			13 Nov 2014	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Apparatus for lighting; apparatus for LED lighting; LED light emitting diode lighting fixtures; lighting fixtures
TM00127M	THE BIGGEST THING SINCE THE LIGHT BULB & Bulb Design	Int'l Registration - Madrid Agreement / Protocol		ORD	1175287	09 Aug 2013	Registered	01175287	09 Aug 2013			09 Aug 2013	Cree, Inc.	Lighting	11 Int.	11 Int. Apparatus for lighting; apparatus for LED lighting; LED light emitting diode lighting fixtures; lighting fixtures
TM00127RU	THE BIGGEST THING SINCE THE LIGHT BULB	Russian Federation		MPP			Pending	01175287	09 Aug 2013			09 Aug 2013	Cree, Inc.	Lighting	11 Int.	11 Int. Apparatus for lighting; apparatus for LED lighting; LED light emitting diode lighting fixtures; lighting fixtures
TM00127US	THE BIGGEST THING SINCE THE LIGHT BULB	United States of America	11	ORD	4756404	18 Jun 2015	Registered	85856440	21 Feb 2013			18 Jun 2015	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Apparatus for lighting; namely lamps, bulbs, flood lights, spotlights, and downlights; apparatus for LED lighting; namely LED bulbs, LED flood lights, LED spotlights, LED downlights, and LED light emitters with light emitting diodes
TM00127ZA	THE BIGGEST THING SINCE THE LIGHT BULB	South Africa	11	ORD	201321801	12 Aug 2013	Registered	201321801	12 Aug 2013			19 May 2014	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Apparatus for lighting; apparatus for LED lighting; LED light emitting diode lighting fixtures; lighting fixtures
TM00131AU	THE BIGGEST THING SINCE THE LIGHT BULB & Bulb Design	Australia		ORD	1546681	04 Sep 2013	Registered	1546681	06 Mar 2013			04 Sep 2013	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Apparatus for lighting; apparatus for LED lighting; LED light emitting diode lighting fixtures; lighting fixtures
TM00136CN	THE BIGGEST THING SINCE THE LIGHT BULB & Bulb Design (w/ CREE logo)	China (People's Republic)	11	MPP	1175206	19 Jan 2015	Registered	1175206	09 Aug 2013			09 Aug 2013	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Apparatus for lighting; apparatus for LED lighting; LED light emitting diode lighting fixtures; lighting fixtures
TM00136EU	THE BIGGEST THING SINCE THE LIGHT BULB & Bulb Design (w/ CREE logo)	European Union (Community)	11	MPP	1175206	29 Jul 2014	Registered	1175206	09 Aug 2013			09 Aug 2013	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Apparatus for lighting; apparatus for LED lighting; LED light emitting diode lighting fixtures; lighting fixtures
TM00136KR	THE BIGGEST THING SINCE THE LIGHT BULB & Bulb Design (w/ CREE logo)	Korea, Republic of	11	MPP	1175206	24 Jun 2014	Registered	1175206	09 Aug 2013			09 Aug 2013	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Apparatus for lighting; apparatus for LED lighting; LED light emitting diode lighting fixtures; lighting fixtures
TM00136P	THE BIGGEST THING SINCE THE LIGHT BULB & Bulb Design (w/ CREE logo)	Int'l Registration - Madrid Agreement / Protocol		ORD	1175206	09 Aug 2013	Registered	01175206	09 Aug 2013			09 Aug 2013	Cree, Inc.	Lighting	11 Int.	11 Int. Apparatus for lighting; apparatus for LED lighting; LED light emitting diode lighting fixtures; lighting fixtures
TM00136UK	THE BIGGEST THING SINCE THE LIGHT BULB & Bulb Design (w/ CREE logo)	United Kingdom	11	MPP	06801175206	29 Jul 2014	Registered	1175206	09 Aug 2013			09 Aug 2013	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Apparatus for lighting; apparatus for LED lighting; LED light emitting diode lighting fixtures; lighting fixtures



STYLUS



TM001360J	THE BIGGEST THING SINCE THE LIGHT BULB & Bub Design (w CREE logo)	United States of America	11	PRI	4883785	12 Jan 2016	Registered	86023200	30 Jul 2013				12 Jan 2016	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Apparatus for lighting; apparatus for LED lighting; LED (light emitting diode) lighting fixtures; lighting fixtures		
TM001362A	THE BIGGEST THING SINCE THE LIGHT BULB & Bub Design (w CREE logo)	South Africa		ORD	201321801	24 Jun 2015	Registered	201321801	12 Aug 2013				24 Jun 2015	Owe, Inc.	Lighting	11 int.	11 int. Apparatus for lighting; apparatus for LED lighting; LED (light emitting diode) lighting fixtures; lighting fixtures		
TM001304U	THE BIGGEST THING SINCE THE LIGHT BULB (stylized)	Australia	11	ORD	1544678	04 Sep 2013	Registered	1544678	06 Mar 2013				04 Sep 2013	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Apparatus for lighting; apparatus for LED lighting; LED (light emitting diode) lighting fixtures; lighting fixtures		
TM001044U	THE EDGE	Australia	11	ORD	1201777	13 Mar 2008	Registered	1201777	27 Sep 2007				27 Sep 2007	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Commercial and industrial luminaires for outdoor use using light emitting diodes as their light source, and commercial and industrial luminaires using light emitting diodes as their light source for indoor factory, warehouse and loading dock area illumination and for indirect lighting for commercial office spaces.		
TM001045A	THE EDGE	Canada	11	ORD	783814	01 Dec 2010	Registered	1365768	01 Oct 2007				01 Dec 2010	IDEAL Industries Lighting LLC	Lighting	11 Nat.	11 Nat. Commercial and industrial electric luminaires for outdoor use using light emitting diodes as their light source, and commercial and industrial electric luminaires using light emitting diodes as their light source for indoor factory, warehouse and loading dock area illumination and for indirect lighting for commercial office spaces.		
TM00104EU	THE EDGE	European Union (Community)	11	ORD	008383673	08 Jan 2009	Registered	008383673	22 Oct 2007				22 Oct 2007	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Commercial and industrial electric luminaires for outdoor use using light emitting diodes as their light source, and commercial and industrial electric luminaires using light emitting diodes as their light source for indoor factory, warehouse and loading dock area illumination and for indirect lighting for commercial office spaces.		
TM00104NZ	THE EDGE	New Zealand	11	ORD	776652	27 Sep 2007	Registered	776652	27 Sep 2007				11 Dec 2008	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Commercial and industrial electric luminaires for outdoor use using light emitting diodes as their light source, and commercial and industrial electric luminaires using light emitting diodes as their light source for indoor factory, warehouse and loading dock area illumination and for indirect lighting for commercial office spaces.		
TM00104UK	THE EDGE	United Kingdom	11	ORD	00908383673	08 Jan 2009	Registered	008383673	22 Oct 2007				22 Oct 2007	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Commercial and industrial electric luminaires for outdoor use using light emitting diodes as their light source, and commercial and industrial electric luminaires using light emitting diodes as their light source for indoor factory, warehouse and loading dock area illumination and for indirect lighting for commercial office spaces.		
TM00104US	THE EDGE	United States of America	11	PRI	3681587	15 Sep 2009	Registered	7716780	27 Apr 2007				15 Sep 2009	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Commercial and industrial luminaires for outdoor use using light emitting diodes as their light source, and commercial and industrial luminaires using light emitting diodes as their light source for indoor factory, warehouse and loading dock area illumination and for indirect lighting for commercial office spaces.		
TM00200AE	TRAVEYO	United Arab Emirates	11	ORD	309654	26 Mar 2019	Registered	309654	26 Mar 2019			27 Jun 2019	Word	26 Mar 2019	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Electrical lighting fixtures, including lighting fixtures using light emitting diodes (LED) as the light source, outdoor lighting apparatus, namely roadway and street lighting, in International Class 11.	
TM00200AR	TRAVEYO	Argentina	11	ORD	3054183	20 Jan 2020	Registered	3786275	26 Mar 2019			25 Sep 2019	Word	20 Jan 2020	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Electrical lighting fixtures, including lighting fixtures using light emitting diodes (LED) as the light source, outdoor lighting apparatus, namely roadway and street lighting, in International Class 11.	
TM00200AU	TRAVEYO	Australia	11	MPI	2009779	23 Nov 2019	Registered	1466769	26 Mar 2019			15 Sep 2019	Word	23 Nov 2019	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Electrical lighting fixtures, including lighting fixtures using light emitting diodes (LED) as the light source, outdoor lighting apparatus, namely LED luminaires for roadway and street lighting.	
TM00200BR	TRAVEYO	Brazil	11	ORD	918986487	26 Nov 2019	Registered	918986487	26 Mar 2019				Word	26 Nov 2019	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Electrical lighting fixtures, including lighting fixtures using light emitting diodes (LED) as the light source, outdoor lighting apparatus, namely roadway and street lighting, in International Class 11.	
TM00200CA	TRAVEYO	Canada	11	ORD			Published	1953847	26 Mar 2019			28 Jun 2023	Word	28 Jun 2023	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Electrical lighting fixtures, including lighting fixtures using light emitting diodes (LED) as the light source, outdoor lighting apparatus, namely roadway and street lighting, in International Class 11.	
TM00200CR	TRAVEYO	China (People's Republic)	11	MPI	1466769	25 Jun 2019	Registered	1466769	26 Mar 2019				Word	26 Jun 2019	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Electrical lighting fixtures, including lighting fixtures using light emitting diodes (LED) as the light source, outdoor lighting apparatus, namely LED luminaires for roadway and street lighting.	
TM00200CO	TRAVEYO	Colombia	11	MPI	1466769	10 Dec 2019	Registered	1466769	26 Mar 2019				Word	10 Dec 2019	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Electrical lighting fixtures, including lighting fixtures using light emitting diodes (LED) as the light source, outdoor lighting apparatus, namely LED luminaires for roadway and street lighting.	
TM00200DR	TRAVEYO	Costa Rica	11	ORD	283267	11 Oct 2019	Registered	2019028990	26 Mar 2019				Word	26 Mar 2019	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Electrical lighting fixtures, including lighting fixtures using light emitting diodes (LED) as the light source, outdoor lighting apparatus, namely roadway and street lighting, in International Class 11.	
TM00200DO	TRAVEYO	Dominican Republic	11	ORD	261541	15 Aug 2019	Registered	201913339	26 Mar 2019	13339			Word	15 Aug 2019	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Electrical lighting fixtures, including lighting fixtures using light emitting diodes (LED) as the light source, outdoor lighting apparatus, namely roadway and street lighting, in International Class 11.	
TM00200EC	TRAVEYO	Ecuador	11	ORD	202018916	26 Mar 2019	Registered	201921077	26 Mar 2019				Word	26 Mar 2019	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Electrical lighting fixtures, including lighting fixtures using light emitting diodes (LED) as the light source, outdoor lighting apparatus, namely roadway and street lighting, in International Class 11.	
TM00200EU	TRAVEYO	European Union (Community)	11	MPI	1466769	22 Oct 2019	Registered	1466769	26 Mar 2019				Word	22 Oct 2019	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Electrical lighting fixtures, including lighting fixtures using light emitting diodes (LED) as the light source, outdoor lighting apparatus, namely LED luminaires for roadway and street lighting.	
TM00200GB	TRAVEYO	United Kingdom		MPI	1466769	06 Aug 2019	Registered	1466769	26 Mar 2019				Word	06 Aug 2019	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Electrical lighting fixtures, including lighting fixtures using light emitting diodes (LED) as the light source, outdoor lighting apparatus, namely LED luminaires for roadway and street lighting.	
TM00200GT	TRAVEYO	Guatemala	11	ORD	246230	16 Jan 2020	Registered	201902939	26 Mar 2019				Word	16 Jan 2020	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Electrical lighting fixtures, including lighting fixtures using light emitting diodes (LED) as the light source, outdoor lighting apparatus, namely roadway and street lighting, in International Class 11.	
TM00200HK	TRAVEYO	Hong Kong	11	ORD		26 Mar 2019	Registered	304869601	26 Mar 2019			19 Jul 2019	Word	26 Mar 2019	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Electrical lighting fixtures, including lighting fixtures using light emitting diodes (LED) as the light source, outdoor lighting apparatus, namely roadway and street lighting, in International Class 11.	
TM00200HN	TRAVEYO	Honduras	11	ORD	155366	24 Aug 2020	Registered	1345819	26 Mar 2019				Word	24 Aug 2020	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Electrical lighting fixtures, including lighting fixtures using light emitting diodes (LED) as the light source, outdoor lighting apparatus, namely roadway and street lighting, in International Class 11.	

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TM00200JM	TRAVEYO	Jamaica	11	ORD	77272	26 Mar 2019	Registered	77272	26 Mar 2019		30 Sep 2019	Word	26 Mar 2019	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electrical lighting fixtures, including lighting fixtures using light emitting diodes (LEDs) as the light source, outdoor lighting apparatus, namely roadway and street lighting, in International Class 11.	TRAVEYO
TM00200KR	TRAVEYO	Korea, Republic of	11	MPP	1466769	03 Jun 2020	Registered	1466769	26 Mar 2019			Word	03 Jun 2020	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electrical lighting fixtures, including lighting fixtures using light emitting diodes (LEDs) as the light source, outdoor lighting apparatus, namely, LED luminaires for roadway and street lighting	
TM00200MA	TRAVEYO	Mexico	11	MPP	1466769	26 Mar 2019	Registered	1466769	26 Mar 2019			Word	26 Mar 2019	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electrical lighting fixtures, including lighting fixtures using light emitting diodes (LEDs) as the light source, outdoor lighting apparatus, namely, LED luminaires for roadway and street lighting	
TM00200MX	TRAVEYO	Mexico	11	MPP	2055576	26 Mar 2019	Registered	1466769	26 Mar 2019			Word	26 Mar 2019	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electrical lighting fixtures, including lighting fixtures using light emitting diodes (LEDs) as the light source, outdoor lighting apparatus, namely, LED luminaires for roadway and street lighting	
TM00200NZ	TRAVEYO	New Zealand	11	MPP	1105865	01 Oct 2019	Registered	1466769	26 Mar 2019			Word	26 Sep 2018	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electrical lighting fixtures, including lighting fixtures using light emitting diodes (LEDs) as the light source, outdoor lighting apparatus, namely, LED luminaires for roadway and street lighting	
TM00200PA	TRAVEYO	Paraguay	11	ORD	27065701	26 Mar 2019	Registered	27065701	26 Mar 2019			Word	26 Mar 2019	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electrical lighting fixtures, including lighting fixtures using light emitting diodes (LEDs) as the light source, outdoor lighting apparatus, namely roadway and street lighting, in International Class 11.	TRAVEYO
TM00200SG	TRAVEYO	Singapore	11	MPP	4020161818	14 Nov 2019	Registered	1466769	26 Mar 2019			Word	14 Nov 2019	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electrical lighting fixtures, including lighting fixtures using light emitting diodes (LEDs) as the light source, outdoor lighting apparatus, namely, LED luminaires for roadway and street lighting	
TM00200US	TRAVEYO	United States of America	11	PRI	5836251	13 Aug 2019	Registered	88132230	26 Sep 2019			Word	13 Aug 2019	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electrical lighting fixtures, including lighting fixtures using light emitting diodes (LEDs) as the light source, outdoor lighting apparatus, namely roadway and street lighting, in International Class 11	TRAVEYO
TM00200ZA	TRAVEYO	South Africa	11	ORD	201908460	26 Sep 2018	Registered	201908460	26 Mar 2019		01 Nov 2019	Word	26 Sep 2018	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. Electrical lighting fixtures, including lighting fixtures using light emitting diodes (LEDs) as the light source, outdoor lighting apparatus, namely roadway and street lighting, in International Class 11.	TRAVEYO
TM0010CA	VUEPOINT	Canada	11	PRI			Pending	1990292	30 Oct 2019			Word	30 Oct 2019	IDEAL Industries Lighting LLC	Lighting			VUEPOINT
TM00210MX	VUEPOINT	Mexico	11	PRI			Pending	2284268	29 Oct 2019			Word	29 Oct 2019	IDEAL Industries Lighting LLC	Lighting			VUEPOINT
TM00210US	VUEPOINT	United States of America	11	PRI	6,791,800	12 Apr 2022	Registered	88418812	07 May 2019	19171	06 Aug 2019	Word	12 Apr 2022	IDEAL Industries Lighting LLC	Lighting			VUEPOINT
TM0015AE	WAVEMAX	United Arab Emirates	11	ORD	240999	11 Jul 2016	Registered	240999	27 Sep 2015				11 Jul 2016	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. LED light emitting diode lighting fixtures	
TM0015AU	WAVEMAX	Australia	11	MPP	1735609	03 Mar 2016	Registered	1274696	25 Sep 2015				25 Sep 2015	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. LED light emitting diode lighting fixtures	
TM0015CA	WAVEMAX	Canada	11	ORD	1056562	03 Oct 2016	Registered	1147752	25 Sep 2015				03 Oct 2016	IDEAL Industries Lighting LLC	Lighting	11 Nat.	11 Nat. LED light emitting diode lighting fixtures	
TM0015CH	WAVEMAX	Switzerland	11	MPP	1274696	25 Sep 2015	Registered	1274696	25 Sep 2015				25 Sep 2015	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. LED light emitting diode lighting fixtures	
TM0015CL	WAVEMAX	Chile	11	ORD	1197685	29 Feb 2016	Registered	1173097	05 Oct 2015				29 Feb 2016	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. LED light emitting diode lighting fixtures	
TM0015CN	WAVEMAX	China (People's Republic)	11	MPP	1274696	19 Jan 2017	Registered	1274696	25 Sep 2015				25 Sep 2015	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. LED light emitting diode lighting fixtures	
TM0015CO	WAVEMAX	Colombia	11	MPP	1274696	29 Jun 2017	Registered	1274696	25 Sep 2015				25 Sep 2015	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. LED light emitting diode lighting fixtures	
TM0015EU	WAVEMAX	European Union (Community)	11	ORD	01900238	27 Jul 2015	Registered	01900238	31 Mar 2015				27 Jul 2015	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. LED light emitting diode lighting fixtures	
TM0015GT	WAVEMAX	Guatemala	11	ORD	200119	14 Dec 2016	Registered	009495015	25 Sep 2015				14 Dec 2016	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. LED light emitting diode lighting fixtures, namely, light tubes, lamps, spotlights, downlights, troffers, suspended luminaires, streetlights, roadway and parking luminaires	
TM0015HK	WAVEMAX	Hong Kong	11	ORD	303550455	02 Mar 2016	Registered	303550455	29 Sep 2015				02 Mar 2016	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. LED light emitting diode lighting fixtures	
TM0015IL	WAVEMAX	Israel	11	MPP	1274696	25 Sep 2015	Registered	1274696	25 Sep 2015				25 Sep 2015	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. LED light emitting diode lighting fixtures	
TM0015IN	WAVEMAX	India	11	MPP	1274696	24 Feb 2021	Registered	1274696	25 Sep 2015				24 Feb 2021	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. LED light emitting diode lighting fixtures	

TM00155JF	WAVEMAX	Japan	11	MPP	1274696	25 Sep 2015	Registered	1274696	25 Sep 2015		25 Sep 2015	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. LED (light emitting diode) lighting fixtures
TM00155KX	WAVEMAX	Korea, Republic of	11	MPP	1274696	25 Sep 2015	Registered	1274696	25 Sep 2015		25 Sep 2015	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. LED (light emitting diode) lighting fixtures
TM00155M	WAVEMAX	Mexico		MPP	169555		Registered	1274696	25 Sep 2015		28 Dec 2016	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. LED (light emitting diode) lighting fixtures
TM00155MY	WAVEMAX	Malaysia	11	ORD	201506035	14 Nov 2016	Registered	201506035	28 Sep 2015		14 Nov 2016	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. LED (light emitting diode) lighting fixtures
TM00155NO	WAVEMAX	Norway	11	MPP	1274696	25 Sep 2015	Registered	1274696	25 Sep 2015		25 Sep 2015	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. LED (light emitting diode) lighting fixtures
TM00155NZ	WAVEMAX	New Zealand	11	MPP	1632178	25 Sep 2015	Registered	1274696	25 Sep 2015		25 Sep 2015	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. LED (light emitting diode) lighting fixtures
TM00155PA	WAVEMAX	Panama	11	ORD	244361	28 Sep 2015	Registered	244361	28 Sep 2015		28 Sep 2015	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. LED (light emitting diode) lighting fixtures
TM00155PE	WAVEMAX	Peru	11	ORD	232588	29 Dec 2015	Registered	635167	25 Sep 2015		29 Dec 2015	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. LED (light emitting diode) lighting fixtures
TM00155PH	WAVEMAX	Philippines	11	MPP	1274696	25 Sep 2015	Registered	1274696	25 Sep 2015		25 Sep 2015	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. LED (light emitting diode) lighting fixtures
TM00155PM	WAVEMAX	Int'l Registration - Madrid Agreement / Protocol		ORD	1274696	25 Sep 2015	Registered	IR1274696	25 Sep 2015		25 Sep 2015	One, Inc.	Lighting	11 int.	11 int. LED (light emitting diode) lighting fixtures
TM00155RU	WAVEMAX	Russian Federation	11	MPP	1274696	10 Nov 2016	Registered	1274696	25 Sep 2015		11 Oct 2016	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. LED (light emitting diode) lighting fixtures
TM00155SA	WAVEMAX	Saudi Arabia	11	ORD	1436025632	22 Mar 2016	Registered	1436025632	01 Oct 2015		22 Mar 2016	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. Apparatus for lighting, heating, steam generating, cooling, refrigerating, drying, ventilating, water supply and sanitary purposes; light emitting diodes (LED) lighting apparatus; lighting apparatus and installations
TM00155SG	WAVEMAX	Singapore	11	MPP	40201540551		Registered	1274696	25 Sep 2015		13 Apr 2016	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. LED (light emitting diode) lighting fixtures
TM00155TH	WAVEMAX	Thailand	11	ORD	171107429	28 Sep 2015	Registered	1006548	28 Sep 2015		28 Sep 2015	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. LED (light emitting diode) lighting fixtures
TM00155TR	WAVEMAX	Turkey	11	MPP	1274696	25 Sep 2015	Registered	1274696	25 Sep 2015		25 Sep 2015	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. LED (light emitting diode) lighting fixtures
TM00155TW	WAVEMAX	Taiwan	11	ORD	01777317	01 Jul 2016	Registered	104057970	30 Sep 2015		01 Jul 2016	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. LED (light emitting diode) lighting fixtures
TM00155UK	WAVEMAX	United Kingdom	11	ORD	0091990238	27 Jul 2015	Registered	01990238	31 Mar 2015		27 Jul 2015	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. LED (light emitting diode) lighting fixtures
TM00155US	WAVEMAX	United States of America	11	PRI	4884721	21 Jun 2016	Registered	86578520	27 Mar 2015		21 Jun 2016	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. LED (light emitting diode) lighting fixtures
TM00155VN	WAVEMAX	Vietnam	11	MPP	1274696	25 Sep 2015	Registered	1274696	25 Sep 2015		25 Sep 2015	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. LED (light emitting diode) lighting fixtures
TM00155ZA	WAVEMAX	South Africa	11	ORD	201527336	20 Aug 2018	Registered	201527336	28 Sep 2015		20 Aug 2018	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. LED (light emitting diode) lighting fixtures
TM00162CA	WE BELIEVE IN BETTER LIGHT	Canada	11	ORD	1854136	13 Sep 2019	Registered	1858344	20 Sep 2017		13 Sep 2019	IDEAL Industries Lighting LLC	Lighting	11 Nat.	11 Nat. LED lamps, light bulbs, lighting fixtures
TM00162CN	WE BELIEVE IN BETTER LIGHT	China (People's Republic)		ORD			Pending	26465326	19 Sep 2017		19 Sep 2017	One, Inc.	Lighting	11 int.	11 int. LED lamps, light bulbs, lighting fixtures
TM00162HK	WE BELIEVE IN BETTER LIGHT	Hong Kong	11	ORD	304276873	28 Nov 2018	Registered	304276873	19 Sep 2017		28 Nov 2018	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. LED lamps, light bulbs, lighting fixtures
TM00162US	WE BELIEVE IN BETTER LIGHT	United States of America	11	PRI	5365359	10 Oct 2017	Registered	87377601	20 Mar 2017		10 Oct 2017	IDEAL Industries Lighting LLC	Lighting	11 int.	11 int. LED lamps, light bulbs, lighting fixtures

TM00183CA	WE BELIEVE IN BETTER LIGHT & Design	Canada	11	ORD			Pending	1859055	22-Sep-2017			22-Sep-2017	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. LED lamps, light bulbs, lighting fixtures	
TM00183CN	WE BELIEVE IN BETTER LIGHT & Design	China (People's Republic)		ORD			Pending	2648025	19-Sep-2017			19-Sep-2017	Owe, Inc.	Lighting	11 Int.	11 Int. LED lamps, light bulbs, lighting fixtures	
TM00183HK	WE BELIEVE IN BETTER LIGHT & Design	Hong Kong	11	ORD	30427682	28-Nov-2018	Registered	30427682	19-Sep-2017			28-Nov-2018	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. LED lamps, light bulbs, lighting fixtures	
TM00183US	WE BELIEVE IN BETTER LIGHT & Design	United States of America	11	PRI	5451080	24-Apr-2018	Registered	87377300	20-Mar-2017			24-Apr-2018	IDEAL Industries Lighting LLC	Lighting	11 Int.	11 Int. LED lamps, light bulbs, lighting fixtures	

